

SGBC WEBINAR

SGBC Webinar:

Powering Progress - Energy Storage Systems in Singapore's Built Environment

Friday, 9 October 2026 | 3:00PM - 4:30PM | Zoom Webinar



As Singapore's built environment accelerates its push toward whole-lifecycle sustainability, the reliance on legacy diesel generation for temporary construction and production sites remains a critical hurdle. This SGBC Webinar explores the transformative potential of Mobile Battery Energy Storage Systems (BESS) as a viable, cost-effective alternative to conventional diesel power.

Join us as we delve into a comprehensive industry report, co-developed by the Energy Studies Institute, Singapore Green Building Council and Infinity Cube, that highlights how integrating mobile BESS - specifically utilising stable Lithium Iron Phosphate (LFP) chemistry - can slash diesel consumption, eliminate peak load stress, and dramatically reduce operational costs. We will examine empirical

EVENT DETAILS

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3:00 PM - 4:30 PM

Zoom Webinar

Event Fees (w/ GST)

SGBC Member: \$20

GMA/GMAP/GMAAP: \$20

Non-Member: \$50

evidence from local deployments, discuss the regulatory landscape, and outline strategic recommendations for scaling adoption across the value chain.

Key Learning Objectives:

- **Understand the Value Proposition:** Discover how mobile BESS decouples power generation from erratic peak-load machinery, delivering significant reductions in Levelised Cost of Energy (LCOE) and carbon emissions.
- **Review Real-World Case Studies:** Gain insights from empirical data on local deployments
- **Navigate Regulatory Pillars:** Understand the established frameworks required for successful deployment, including grid interconnection (SS 650), environmental standards (TR 77), licensing via LEWs and QPs, and SCDF fire safety guidelines.
- **Overcome Market Friction:** Address common barriers to adoption, such as upfront cost perceptions and technical unfamiliarity.

Attendees will walk away with a clearer understanding of the commercial and environmental business case for mobile BESS, practical knowledge on navigating regulations, and actionable strategies to implement these systems in their own projects.

CPD Information

SGBC-GMP: Pending

PEB: Pending

SCEM: 1.5

SCAL-CPAS: 2

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SGBC WEBINAR EDUCATION PARTNER



IMPORTANT NOTE

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and active. If you are registering on behalf of a participant, please use their name and contact details for registration. For multiple participants from the same organisation, please register each participant individually.

SGBC reserves the right to amend the Programme without prior notice. SGBC reserves the right to allocate registrations to ensure a well-balanced representation of professions at each event for the best learning outcomes. Professional CPD points will only be awarded after verification of in-person attendance and payment.



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