APQRC
AUSTRALIAN POWER QUALITY RESEARCH CENTRE

Battery Energy Storage

CONTINUING PROFESSIONAL DEVELOPMENT COURSE
14-15 OCTOBER 2026 | FACE TO FACE DELIVERY

COURSE OVERVIEW

This two-day course focuses on battery energy storage applications, covering primary battery technologies, technical and regulatory drivers, battery management systems, grid support functionality, and integration into electricity networks. By attending the course, you will gain knowledge and skills to assist you to:

- Appreciate the different battery energy storage technologies and their relative advantages and disadvantages
- Have a systematic understanding of the capabilities of battery energy storage systems and how they should be designed
- Understand battery management systems and their importance
- Gain knowledge of guidelines and standards for integration of energy storage systems into electricity grids
- Gain a practical understanding of how energy storage systems may impact power quality (for better or worse)

UNIVERSITY OF WOLLONGONG AUSTRALIA

Course Outline

SUBJECT TO CHANGE

DAY 1

- Introduction to Energy Storage
- Technical, Economic & Regulatory Drivers for Large-Scale Energy Storage Systems
- Fundamentals of Battery Energy Storage Systems
- BESS Safety Standards
- Design of Energy Storage Systems
- Workshop
- Sodium Ion Batteries

DAY 2

- Grid Integration Standards
- Practicalities of Energy Storage Integration
- Case Studies – LV Community Batteries, Battery Trials, Microgrids

Training investment

The course investment provides for an inclusive industry related training package including course notes. The course fee is **AUD $1770 including GST** per person.

Participants may count course hours towards their continuing professional development requirements.

NOTE: Arrangements for accommodation are the responsibility of participants and costs are not included in the course fee.

Registration

To register please click on the link below:

Battery Energy Storage

Note: There is no guarantee that economic participation levels for this course can be achieved. Registrants will be notified 2 weeks prior to course if the course cannot proceed due to insufficient numbers. The program may be changed at any time due to unforeseen circumstances. If the course cannot proceed for any reason, UOW will not accept liability of whatsoever kind for expenses incurred by any person or corporation with the sole exception of the course investment, which will be refunded in full.

Enquiries

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