



Introduction to Quality of Electrical Supply

CONTINUING PROFESSIONAL DEVELOPMENT COURSE

19-20 AUGUST 2026 | FACE TO FACE DELIVERY

COURSE OVERVIEW

This course will give a practical understanding of the principles, practices and problems associated with electricity quality of supply. On completion of the course, participants will have gained the following knowledge and skills to assist with the following:

- A systematic understanding of the various power quality problems, including the causes of power disturbances and the types of loads affected.
- The estimation of the orders of magnitude of problem situations through computer simulation.
- Knowledge of the standards for particular types of disturbances and actions if standard limits are exceeded.
- Distinguishing the different types of available power quality monitoring equipment and their particular applications.
- Knowledge of how utilities and customers can improve their power quality.



**UNIVERSITY
OF WOLLONGONG
AUSTRALIA**

Course Outline

SUBJECT TO CHANGE

DAY 1

- Introduction to Power Quality
- Basics of Power Quality Modelling & Calculations
- Modelling & Calculations Laboratory
- Voltage Fluctuations, Sags & Interruptions
- Harmonics Laboratory

DAY 2

- Long Duration Voltage Variations & Voltage Unbalance
- Standards
- Power Quality Monitoring
- Case Studies
- Load Behaviour
- Transient Overvoltages

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.

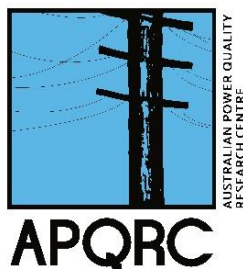
Registration

To register please click on the link below:

[**Introduction to Quality of Electrical Supply**](#)

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



AUSTRALIAN POWER QUALITY RESEARCH CENTRE

☎ +61 2 4221 4737

✉ pqrc@uow.edu.au

