

# Introduction to Power Systems

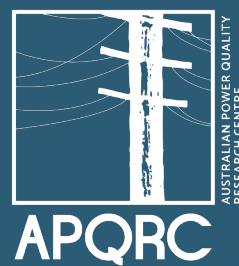
CONTINUING PROFESSIONAL DEVELOPMENT COURSE:

15-16 OCTOBER 2024 | ONLINE DELIVERY

## COURSE OBJECTIVES

This course provides an introduction to electricity supply basics and is aimed at those transitioning to the electricity supply industry or those looking for a refresher on power systems. Topics to be covered in the course include:

- An overview of the topology of the Australian electricity supply network
- A description of electricity supply system equipment
- Basics of electricity supply system design
- Basics of power system modelling and calculations
- Characteristics of power system loads



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## COURSE BENEFITS

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On completion of the course, participants will have gained knowledge to assist them in:

- Understanding the key components of the Australian electricity supply system
- Undertaking basic electrical power system modelling and calculations
- Identifying the characteristics and operation of the major power system loads
- Understanding the role of renewable energy in future electricity supply systems

## TRAINING INVESTMENT

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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.

## ABOUT THE SPEAKER/S

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**Associate Professor Duane Robinson** is the Technical Director of the Australian Power Quality Reliability Centre. Associate Professor Robinson is also the Deputy Director Sustainable Buildings Research Centre and Associate Professor at the University of Wollongong. His research interests include modelling, analysis and control of power distribution systems, energy efficiency in networks and at point of utilisation, sustainable building practices, microgrids and distributed generation, power quality and mitigation techniques.

## REGISTRATION

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To register please click on the link below:

[Introduction to Power 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.

## ENQUIRES

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**Registration enquiries:**

Australian Power Quality Reliability Centre – University of Wollongong

Email: [pqrc@uow.edu.au](mailto:pqrc@uow.edu.au)

