



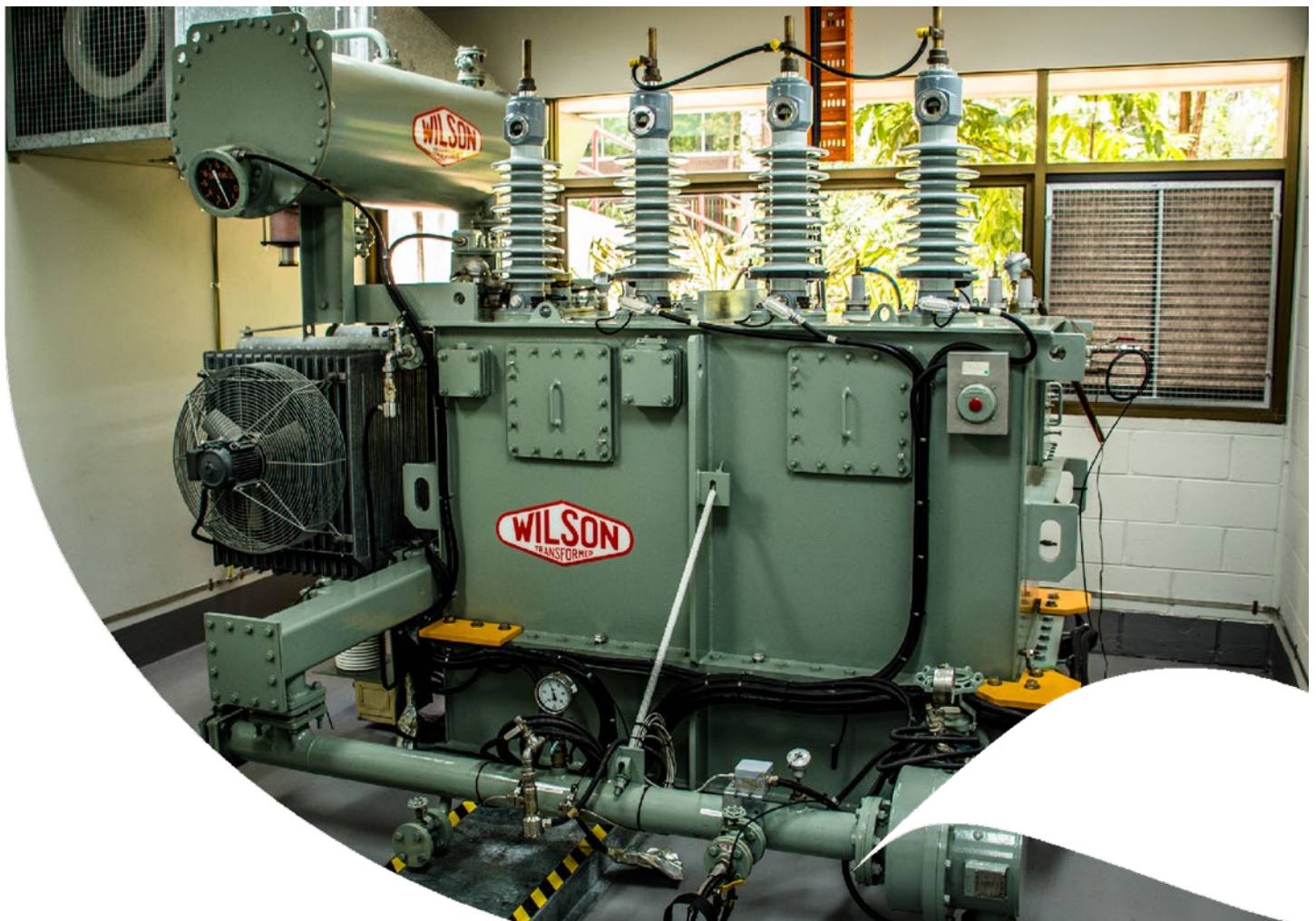
Two-Day Face-to-Face Sustainability of Transformers Across their Lifecycle CPD Course

Thursday and Friday 6-7 November 2025, Brisbane, Australia

The University of Queensland's Australasian Transformer Innovation Centre (TIC) is pleased to announce a two-day face-to-face CPD course in Brisbane focusing on the sustainability of transformers across their lifecycle.

Transformers are critical to the reliability of electric power systems, yet they also have a substantial environmental footprint across their lifecycle. As the

industry strives to align with sustainability goals, a paradigm shift is underway in the materials, manufacturing, and maintenance practices surrounding transformer assets. This CPD course, led by Dr. Bhaba Das (Regional Manager, APAC), will explore sustainable approaches in transformer design, operation, and end-of-life handling. Emphasis will be placed on energy-efficient designs, alternative insulating fluids, and lifecycle management strategies that extend asset longevity while minimizing ecological impact.



This two-day face-to-face course will bring industry professionals together for dialogue and sharing of knowledge to better understand the sustainability of transformers across their lifecycle.

Key outcomes

- Understand the basic principles used in lifecycle assessment and the impact of design on sustainability of power transformers.
- Be exposed to the experiences of transformer users, such as power Utilities.
- Develop and appreciation for new materials and fluids used in modern transformers and their impact on sustainability.

Presenters

The presenters in this course will include industry experts from:

- Dr. Bhaba Das, Regional Manager, APAC.
- Transmission and distribution Utilities.
- Service and testing organizations.
- Researchers from University of Queensland.

Who should attend?

- Procurement, Asset Strategists, maintenance managers and engineers.
- Generation, transmission, and distribution personnel.
- Consultants, designers and operations staff in the renewables, manufacturing, mining, industrial and infrastructure groups.
- Yong engineers just starting out in their career in Power.

PROGRAM

Day 1 - Thursday 6 November 2025	
8.30-9.15	Registration
9.15-9.30	Welcome – Introduction to course. Dr Shawn Nielsen, TIC
9.30-10.45	Sustainability in Transformers. Dr Bhaba Das, APAC.
10.45-11.15	Morning Tea
11.15-12.30	Sustainable Materials and Fluids. Dr Bhaba Das, APAC.
12.30-13.30	Lunch and networking session
13.30-14:45	Lifecycle Management & Digitalization: Part A. Dr Bhaba Das, APAC.
14.45-15.15	Afternoon tea
15.15-16.30	Lifecycle Management & Digitalization: Part B. Dr Bhaba Das, APAC.
Day 2 - Friday 7 November 2025	
8.30-9.15	Registration
9.15-10.45	Distribution Utility experience. TBA
10.45-11.15	Morning Tea
11.15-12.45	Transmission Utility experience. TBA
12.45-13.45	Lunch and networking session
13.45-15.00	TBA
15.00-15.15	Close, Dr Shawn Nielsen, TIC Manager

PRICE

TIC Members

TIC Industry Platinum Members

- One Complimentary attendee (Conditions Apply)

- Platinum Members additional attendees: \$1300 pp.

Non-TIC Members

- \$2000 pp.

VENUE

Andrew N. Liveris Building (Building Number 46), Room 371 Collaborative Room, The University of Queensland, St Lucia Campus.

A link to venue on Google Maps is:

<http://maps.app.goo.gl/3wb5SRXLQKNwB8ar6>

REGISTRATION

Registration and payment can be done via UQ Payments website using the link that can be found in the course website <http://eecs.uq.edu.au/event/3960/australasian-transformer-innovation-centre-webinar-and-cpd-courses> or via the UQ Pay website https://payments.uq.edu.au/Transformer_Sustainability_CPD

ENQUIRIES

For enquires please contact Dr Shawn Nielsen, TIC Manager at shawn.nielsen@uq.edu.au, or email us at transformer@itee.uq.edu.au

For further details and updates to the course, please got to the TIC CPD website at link:

<http://eecs.uq.edu.au/event/3960/australasian-transformer-innovation-centre-webinar-and-cpd-courses>