

CPTM Technical Advisory Group Draft Terms of Reference

Background

The Centre for Power Transformers at Monash University has developed an International reputation for transformer research and gained funding for its research activities until 30 June 2008.

The goal of the Centre is to continue to develop as a “Centre of Excellence” in transformer monitoring, diagnostics and life management for users and suppliers of transformers and equipment and service providers. This will require the centre to be well informed on the requirements of the industry and have long term funding arrangements in place so that it can continue to attract research personnel.

The Centre has determined that a Technical Advisory Group should be formed to assist in the development of the centre, to enhance the technical alignment of the centre to industry requirements and to promote the centre to the industry as a “Centre of Excellence” in transformer monitoring, diagnostics and life management.

Charter

The charter of the Technical Advisory Group is:

- Provide advise to the CPTM Management and Scientific Advisory Board on the technical merits and cost benefits of proposed research projects.
- To promote the dissemination of knowledge gained from the research activities into sponsoring organisations.
- Provide a focal point for the CPTM in regards to the specification, application and operation of transformers and to assist in technical issues.
- To assist in the promotion of the CPTM as a “Centre of Excellence” in transformer monitoring, diagnostics and life management.
- To identify and develop research proposals and to discuss these with transformer and equipment users and suppliers to seek support.
- To provide a link into other technical forums including CIGRE, IEEE, IEC, EESA, Engineers Australia, ESAA, ENA and API.
- To consider other research opportunities that may leverage of the facilities and technical capabilities at the centre.

- Provide the CPTM Management and Scientific Advisory Board with an annual review of technical benefits of research being undertaken and potential benefits to the industry.

Governance

The Chair of the Technical Advisory Group will also be included as a member of the CPTM Management and Scientific Advisory Board and shall submit progress reports to each Board and Sponsor Meeting.

The Technical Advisory Group shall meet at least three times per year and one of these meetings shall be in conjunction with the annual CPTM Management and Scientific Advisory Board meeting.

Membership

Membership shall be comprised of transformer experts and/or asset managers from each of the sponsors of the CPTM or other experts subject to approval by the CPTM Management and Scientific Advisory Board.

Intellectual Property

The Technical Advisory Group shall have regard to the intellectual property of the CPTM and the management of this intellectual property.

Funding

Subject to the approval by the CPTM Management and Scientific Advisory Board, funding may be available for the Chair and for other promotions or activities of the Technical Advisory Group.