

This book, the second in the EPECentre series, is based on the CIGRE Joint AP-B4/C1 two-day Seminar held in Brisbane (Australia) in 8-9 May 2008. The contributors and titles of the Seminar presentations were:

- Carson Taylor (ex-BPA, USA)
Voltage Stability - An old problem and new thinking
- Nalin Pahalawaththa (Transpower NZ)
Behaviour and modelling of loads
- Tom Percy (Western Power, AU)
Shunt reactive compensation
- Michael Redpath (Vencorp, AU)
Series reactive compensation
- Colin Parker (TransGrid, AU)
Voltage instability mechanisms and assessment
- Nalin Pahalawaththa and Tim George (Transpower NZ)
Dynamic voltage instability
- Jennifer Crisp (NEMMCO, AU)
Planning standards, guidelines and emerging trends, Australian perspective
- Carson Taylor (ex-BPA, USA)
Planning standards, guidelines and emerging trends, An international Perspective
- Peter Biddle (NEMMCO, AU)
Operational aspects of voltage control
- Keith Frearson (SKM)
Synchronous condensers and synchronous generators
- Peeter Muttik (AREVA)
Shunt capacitors
- Bo Nilsson, Leif Andreasson and Anders Bostrom (ABB)
Series capacitors
- Claus Matthias (SIEMENS)
SVCs
- Narend Reddy (American Superconductors)
STATCOMs
- Carson Taylor (ex-BPA, USA)
A critical comparison of technologies
- John Mouatt (TransGrid, AU)
Operational experiences of SVC installations in TransGrid
- Tuan Vu (Powerlink, AU)
Specification, design and refurbishment of SVC installations
- Tim George (Transpower NZ) and Marian Piekutowski (Hydro Tasmania)
Reactive power control