

**PATRICK ROSSITER**

Consulting Engineer

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Patrick joined Hill Michael in March 2010 after working at the Australian Energy Market Operator (AEMO) and formerly VENCORP since 2006. While at AEMO, Patrick worked in the Transmission Services department reviewing generator upgrades, studying system incidents and studying quality of supply levels throughout Victoria. In this time he also developed and maintained the Victorian inter-regional transfer limits.

Patrick has a keen interest in the energy industry and specifically in power generation. He has co-authored a paper on the future of energy in Australia and gained experience in policy development while at AEMO.

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**Specialist Areas**

- Generator performance analysis and NER compliance
- Power system stability analysis (PSS)
- Inter-regional Transfer Limit development
- Load flow and dynamic system studies
- Quality of supply monitoring and allocation
- Generator Performance Grid Interaction Planning and Execution

**Significant Projects**

- Constraint analysis for AEMO's Annual Planning Report
- Inter-regional Transfer Limit management
- Hazelwood Fault Mitigation Strategy
- Vic & Qld Generator Site Assessment (Market Demand / Constraint Analysis)
- Condamine Steam Turbine R2 Data Analysis and Reporting

**Qualifications, Professional Membership & Industry Involvement**

- Bachelor of Electrical Engineering, RMIT, 2007



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