

**PRABODHA PARANAVITHANA**  
 Consultant - Transmission Engineer

m/ +61 (0)432417595                      p/ +61 (0)7 32364244  
 e/[pparanavithana@hmac.com.au](mailto:pparanavithana@hmac.com.au)    f/ +61 (0)7 3236 4266

Prabodha is a Power Systems Engineer who has completed her Doctoral Degree in 2009. Prior to joining Hill Michael in December 2010, Prabodha has held a Grid Planning Engineer position with Transpower New Zealand Limited. Prabodha also has experience in utility and academic environments in Australia.

---

**Experience Summary**

- Preparation of Annual Planning Report (Transpower New Zealand Limited)
- Grid development investigations supporting the regulatory approval
- Harmonic studies in transmission networks
- Investigation of a voltage unbalance problem of a sub-transmission network owned by SP AusNet, Victoria
- Power system fault investigations
- Development of voltage unbalance emission assessment techniques
- Development of concepts and methodologies in relation to the IEC Technical Report IEC/TR 61000-3-13 for voltage unbalance emission allocation

**Qualifications, Professional Membership & Industry Involvement**

- Ph. D. Electrical Engineering, University of Wollongong, Australia
- B.Sc. of Engineering specialising in Electrical Engineering, University of Moratuwa, Sri Lanka
- Member, IEEE, USA
- Member, CIGRE Working Group C4.109 on Power Quality Assessment Techniques



[www.hmac.com.au](http://www.hmac.com.au)

Head Office:  
 Level 3, Bowman House  
 276 Edward St, Brisbane Qld 4000  
 GPO Box 3195, Brisbane Qld 4001  
 Australia

p/ +61 (0) 7 3236 4244  
 f/ +61 (0) 7 3236 4266

**HILL MICHAEL**

- Cairns
- Brisbane
- Melbourne
- Townsville
- Canberra
- Launceston

*Hill Michael is a specialist electrical networks and strategic engineering firm. Focused on the application of engineering expertise in the context of organisational and project strategy, Hill Michael is a leading advisor to owners of electricity supply networks and those wishing to connect to them. Established 1987.*