



NALIKA GAMAGE

Consulting Engineer

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Nalika joined Hill Michael in 2007 and has over 10 years of experience in the electricity utility environment including a wide range of power sector projects. The majority of her experience has been in the Sri Lanka Electricity Supply industry.

Her experience covers: expansion, reinforcement, rehabilitation and development of power distribution networks, urban / rural electrification, distribution loss reduction etc. Project experience development of electrical equipment specifications and also includes managing the coordination requirements for projects involving foreign donor agencies, government and contractors.

Nalika has specialised knowledge in the use of state of the art software systems for modelling, analysing, optimising, planning and designing electricity networks. She is also experienced in preparation of master plans, development plans and project reports for development of electricity distribution networks.

Specialist Areas

- Medium voltage network (33kV) planning, electricity distribution project management, energy management, also formulating, investigating, planning, design and economic evaluation.
- Network analysis and design using Sincal and SynerGEE
- Technical evaluations for procurement of network assets
- Project coordination with foreign donor agencies, government and contractors.
- Specifications and tender documents; preparation for medium voltage equipment.

Significant Projects

- Preparation of the *Energy Management Plan* for Ceylon Electricity Board. 11kV medium voltage lines, 400V lines and distribution substations.
- Designed and managed projects to reduce technical and non technical losses of CEB distribution systems
- Cost benefit analysis for medium and long term sub-transmission system development in Sri Lanka.
- Preparation of *Master Plan for Rural Electrification of Sri Lanka*

Qualifications, Professional Membership & Industry Involvement

- B.Sc. Electrical Engineering, 2nd class upper division, University of Moratuwa, Sri Lanka.
- MIE Australia
- MIE Sri Lanka



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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.