

Thananjeyan (Jey) Shivakumar

B. Eng (Electrical – Hons), MIEAust

Jey is a founding Director of 3E Consulting Engineers Pty Ltd, a Perth WA consultancy specialising in electrical services to the development industry. He has 10 years experience in consulting engineering in Australia and a depth of project exposure covering a variety of significant electrical engineering and buildings projects.

Specialisation

Electrical Services to the land development industry, Building Services and Mining Town Infrastructure

Position in Firm

Director

Key Experience

Currently a Director of 3E Consulting Engineers Pty Ltd, a professional firm of consulting engineers specialising in the delivery of electrical design and management solutions to a wide range of infrastructure and development projects. Was previously a senior electrical engineer at Jenkins Clifford Consulting Engineers.

Current experience and expertise is in electrical infrastructure master planning, underground power reticulation to residential, industrial and commercial land development projects, specialist lighting including street lighting to Main Roads and Western Power standards, building electrical services, power generation, renewable energies, earthing studies and construction phase project management.

Education and Professional Status

Bachelor of Engineering (Electrical and Electronic)

Bachelor of Science (Computer Science – Completed 2 years of 3)

Member, Institution of Engineers, Australia, MIEAust

Project Experience

Educational

- Murdoch University
 - Installation of new HV Infrastructure
 - HV Infrastructure Re-alignment
 - Roadway Lighting
 - Carpark Lighting

Infrastructure Projects

- Vale Development – Main HV Feeds
- Rio Tinto Iron Ore – Wickham Expansion – Town Power Upgrade

Land Development Industry - Subdivisions

- Baldvis Central (500 lots)
- Rio Tinto Iron Ore – Wickham Expansion – Wickham South Development (500 lots)
- The Vale Estate, Ellenbrook, over 3,000 lots
- Dalyellup Beach Estate, Capel, over 3,000 lots
- Secret Harbour, Mandurah, over 2,500 lots
- Dunsborough Lakes, Dunsborough
- Parkland Heights
- The Rivergums Estate, Baldvis

State Underground Power Projects

- City Beach retrospective undergrounding, 1650 lots
- Wembley Downs retrospective undergrounding, 1850 lots
- Wilson retrospective undergrounding, 720 lots
- Palm Beach retrospective undergrounding, 685 lots

Roadway Lighting Projects

- Chesterfield Road Lighting, Mirrabooka
- Como East retrospective undergrounding (lighting only), 800 lots
- Mt Pleasant retrospective undergrounding (lighting only), 1000 lots

External Distribution Design Services for Western Power

- Aerial Line Upgrade - Pemberton