

## CURRICULUM VITAE OF RIPEN UTILITY SERVICES MANAGING DIRECTOR

**N**AME: Ross Ipenburg

### **E**XPERIENCE:

#### *RIPEN Utility Services Pty Ltd:*

Owner and Managing Director of RIPEN Utility Services for approximately 3 years, having provided:

- ☐ numerous network planning, reliability, project management and consultancy services to Utility and Power Generation clients and Local Government;
- ☐ quality of supply assessments for customers in the mining and timber industries; and
- ☐ numerous design and project management services for Local Government infrastructure projects and industrial customer electricity grid connections.



#### *VEMTEC Pty Ltd:*

4 years in the private sector providing:

- ☐ major project management and consultancy services in the contestable design and construction environment, particularly in the areas of embedded generation and powerline relocation and/or undergrounding; and
- ☐ network reliability assessments, quality of supply evaluations, standards compliance engineering and numerous consultancy services, to both Distribution companies and external clients and developers. (Refer to Project History)

#### *TXU Networks/Eastern Energy:*

10 years experience in the Victorian electricity distribution sector specialising in areas of:

- ☐ system planning (including system modelling using DINIS, PSS Adept & PSS Engine);
- ☐ quality of supply and reliability engineering;
- ☐ capital investment analysis and investment selection;
- ☐ major commercial, industrial, retail and embedded generation project management (Refer to Project History); and
- ☐ development of non-standard commercial agreements aimed at facilitating significant network load growth/DUoS revenue opportunities.

#### *Education:*

- 1997 Deacon University, Melbourne – Leadership Development Program.
- 1990 Monash University – Bachelor of Engineering (Electrical)

### **P**ROJECT **H**ISTORY:

The following is a brief list of projects and activities in which Ross Ipenburg was the principal project manager, or in which he had a significant project involvement:

#### *Recent RIPEN Utility Services Projects:*

- ☐ System planning and network modeling studies for numerous SP AusNet 66/22kV zone substation projects including Clyde North (CLN), Officer (OFR), Lang Lang (LLG), Doreen (DRN), Kalkallo (KLO) and Wollert (WLT).
- ☐ Network reliability and feeder automation evaluations for approximately 50 SP AusNet 22kV feeders.
- ☐ Preparation of 66/22kV zone substation and 22kV feeder contingency plans for critical SP AusNet infrastructure assets and evaluation of co-generation proposals.
- ☐ Numerous quality of supply and predictive evaluations for grid connections of timber and mining industry loads in regional Victoria, including Unimin Lang Lang, Frank Vella Sands, Carter Holt Harvey, Matthews Quarries, Richards Quarries and Castella Quarries.
- ☐ Design, Specification & Tendering of Pedestrian & Parkland Feature Lighting for Baw Baw Shire Council XVIII Commonwealth Games Heritage Park.
- ☐ Project Management and Contractor Co-ordination for the Undergrounding of 22kV Powerlines at Thiess John Holland's Eastlink Project Pre-Cast Concrete Fabrication Facility in Gippsland.
- ☐ Preparation of Contestable Construction Tender Documentation for Cardinia Shire Council, for the Undergrounding of Powerlines in John St Pakenham.

#### *VEMTEC Projects:*

- ☐ Design, Project Management & Consultancy Services for the Grid Connection of the 12MW Wonthaggi Wind Farm, 104MW Bald Hills Wind Farm and Other Sites in Regional Victoria (Client Wind Power Pty Ltd & Regional Wind Farms Pty Ltd);



- ☐ AS3000 Design & Project Management of HV Supply to Cleanaway Sludge Dewatering Plant (Paperlinx Maryvale) (Client Cleanaway);

- ❑ Application Engineering and Modelling for Gas Fired Micro-generation Units (Client TXU Networks Pty Ltd);
- ❑ Turn-Key Project Management of Powerline Undergrounding Projects in Pakenham, Yarragon, Cowes & Warragul (Clients Baw Baw Shire Council Bass Coast Shire Council & Cardinia Shire Council);

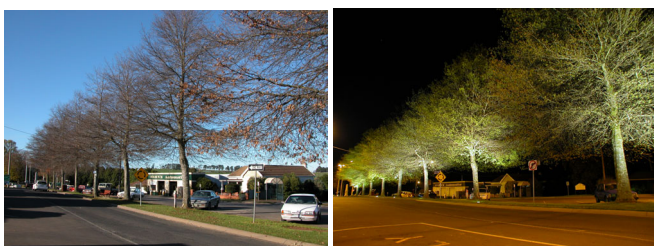


Smith St Warragul Powerline Undergrounding Project

- ❑ Project Management and Design of Telstra 30-Way Conduit Installation Project for the Northbank Development and Flinders St Bridge Demolition in Flinders St Melbourne (Client Multipipe);



- ❑ Provision of Consultancy Services Concerning the Undergrounding of 220kV Overhead Assets at Waverley Park (Client MIRVAC);
- ❑ Feature Lighting Design & Project Management for Memorial Trees in Neerim South Gippsland;



- ❑ Reliability Assessment & Development of Remedial Solutions for TXU Networks Worst Performing 22kV Feeders;
- ❑ Quality of Supply and Voltage Flicker Evaluations for Proposed Mining Equipment at Goldstar Resources Walhalla Mine;
- ❑ Numerous Minor Capital works and Consultancy Projects.
- ❑ Preparation of Client Submissions to the Essential Services Commission Concerning Connection of Embedded Generators, Competition for the Provision of Design & Construction Services etc;

#### TXU Networks/Eastern Energy Projects:

- ❑ Project Management of Electrical Supply Upgrades for Westfield's Fountain Gate Shopping Centre Expansion (~\$1.5M);
- ❑ Voltage Flicker Assessment & Solutions for Dair Industries Welding Facility Dandenong Victoria;
- ❑ Project Management and Contract Negotiation for 66kV Interconnection of Stanwell Corporation's Toora Wind Farm;
- ❑ Project Management and Non-standard Contract Negotiation for the Upgrade of TXU's Maffra Zone Substation and New Underground 22kV Feeder to Murray Goulburn Maffra (New 15MVA 66/22kV Transformer, Conversion to Indoor 22kV Circuit Breakers and New Underground Feeder to MG Maffra);
- ❑ Project Management and Non-standard Contract Negotiation of a New 66/22kV Package Substation and HV Underground Feeders for Murray Goulburn Leongatha (~\$2.5-\$3M);
- ❑ Project Management and Non-standard Contract Negotiation for HRL's Leongatha Steam Plant.
- ❑ Project Management of Dual HV Supply to Bonlac Foods 8MW Darnum Facility and Upgrade of TXU's Warragul 66/22kV Zone Substation (~\$3M);
- ❑ Project Management and Commercial Negotiations for HV supply to National Foods Morwell factory;
- ❑ Evaluation & Interconnection Design for 1MW Mesh Welder at AKZ Engineering Morwell; and
- ❑ Numerous Capital Works Projects (\$10k - \$300k).

