

## **SUMMARY OF QUALIFICATIONS & PROFESSIONAL EXPERIENCE**

**NAME:** Keith Harvey BASHFORD

**ADDRESS:** 13 Private Road, Northwood, NSW, 2066

**TELEPHONE:** Office -02 9209 4130  
Home -02 9427 3309

**FACSIMILE:** Office -02 9319 3088

**EMAIL:** Office - K.Bashford@agsei.usyd.edu.au

**QUALIFICATIONS:** Diploma in Electrical Engineering - 1960  
  
Post Graduate Diploma in Management,  
Deakin University - 1991

**AFFILIATIONS:** Fellow - Institute of Engineers Australia.  
Member - Electricity Supply Engineers Association

**SCHOLARSHIP:** Confederation of British Industries Travelling Scholarship (1966) to  
United Kingdom to study electricity supply.  
  
Major attachments were to the North Western Electricity Board,  
Manchester; and Hackbridge and Hewittic, manufacturers of heavy  
electrical plant, London. Numerous visits were made throughout Britain  
to other supply authorities and manufacturers.

**FURTHER STUDIES:**

- Benchmarking - Australian Quality Council
- China Business Strategy - University of Sydney & others
- Marketing - Macquarie University
- Industrial Relations - University of New South Wales
- Electrical Power Systems - University of Sydney & Electricity Supply Association of Australia
- Managing People & Industrial Relations - Macquarie University
- Executive Staff Development Program - Macquarie University
- Underground Transmission and Electrical Power Distribution Systems - University of New South Wales
- Management Techniques - University of Sydney Extension Board
- Contract Law - University of Sydney Extension Board
- Accounting for Non-Accountants - University of New South Wales Extension Board
- Protection Engineering - University of New South Wales

## PROFESSIONAL EXPERIENCE

### PRESENT POSITION

#### AUSTRALIAN GRADUATE SCHOOL OF ENGINEERING INNOVATION

June 1995

##### DEVELOPMENT MANAGER

- ◆ Reporting to Head of School
- ◆ Responsibilities
  - ◆ Management of the Asset Management stream
    - Strategic Maintenance Management
    - Advanced Value Management
    - Finance for Technical Managers
    - Business Centred Maintenance seminars and workshops
    - Strategic Asset Planning
    - Strategic Service Planning
  - ◆ Liason with energy utilities
    - Electricity Supply Association of Australia
    - National Utilities Industrial Training Advisory Board
    - Electricity Supply Engineers' Association
    - Numerous utilities

### PREVIOUS POSITIONS

#### SYDNEY ELECTRICITY

September 1993  
to March 1995

##### EXECUTIVE MANAGER - ENGINEERING STRATEGY

- ◆ Reporting to General Manager - Engineering
- ◆ Responsibilities:
  - β Development and enhancement of engineering information systems of strategic importance to Sydney Electricity.
  - β Management of Research & Development.
  - β Identifying and meeting the needs for engineering professionals and para-professionals, including recruiting, scholarships, cadetships and career development.
  - β Quality document control services for plans, maps, technical instructions and manuals.
  - β Provision of Geographic Information services.
  - β Support for the Division in areas of:
    - Workforce planning, career development and other HR management.
    - Financial management, accounting and commercial risk management.
    - Co-ordination of strategic planning.



- Account Management for Sydney Electricity's business and relationships with PR China.
- Director of subsidiary company SEFTECH Pty Ltd.
- Representing Sydney Electricity on committees including: NSW Government Joint Economic Committee with Guangdong Province, PR China
- Solarch project University of NSW
- Liaison with industry, universities, TAFE and research establishments.

**October 1991 to  
September 1993**

#### **EXECUTIVE MANAGER - ENGINEERING SERVICES**

- ◆ Responsibilities:
  - Design of engineering and building works.
  - Specification and administration of works contracts.
  - Project management.
  - Geographic Information services.
  - Industrial Engineering services.
  - Development of engineering management systems.
  - Plans records and reprographic services
  - Policy and development issues related to the above topics and their integration to meet Sydney
  - Account management for business activities and relationships in PR China.
  - Liaison with industry, university groups, notably the University of NSW Solarch project.

**July 1987 to-  
October 1991**

#### **EXECUTIVE MANAGER- TRANSPORT SERVICES**

- ◆ Reporting to General Manager - Engineering
- ◆ Responsibilities:
  - Transport policy, acquisition, maintenance and internal leasing of Sydney Electricity's fleet of 2,100 vehicles and 1,600 plant items, plus road transport of materials and driver/operator training.
- ◆ Contributions to Corporate Management activities related to developments in the transport industry and relevant legislation, computer applications, safety, commercialisation, etc.
- ◆ ESAA representation on Committee 2.16 and other industry liaisons.

**July 1985 to  
July 1987**

#### **SUPERVISING ENGINEER - TRANSPORT SERVICES**

- ◆ Oversight of fleet acquisition, maintenance and operations.

**May 1983 to  
July 1985**

**ENGINEER - PROJECT DESIGN**

- ◆ Oversight of the design, documentation and contract administration for electrical and mechanical services for buildings, plant, equipment and a diverse range of engineering projects.

**May 1973 to  
May 1983**

**ENGINEER - SUBSTATION DESIGN & CONTRACTS**

- ◆ Oversight of design and documentation for all substations constructed during that period plus the specification and contract administration for major plant items.

**Sept 1970 to  
May 1983**

**SENIOR DESIGNING ENGINEER**

**May 1968 to  
Sept 1970**

**ENGINEER - SPECIFICATIONS & CONTRACTS**

**January 1961 to  
May 1968**

**DESIGN ENGINEER - VARIOUS GRADES**

**April 1956 to  
January 1961**

**ENGINEERING DRAFTSMAN**

**February 1951 to  
April 1961**

**APPRENTICE ELECTRICAL FITTER**

## **PUBLICATIONS**

- 1996 Electricity Supply Engineers' Association - Annual Conference Sydney 5-7 August 1996  
"Innovation - The Eessential Ingredient"
- 1993 Rural Electrification Conference, Beijing  
I.E. Aust. and Chinese Society for Electrical Engineering  
"The Darling Electrification Project - Remote Area Grid Power in Australia"
- 1990 ESAA Information Technology Conference  
"From Magic Wands to Team Work: A User's View of Information Systems Development"
- 1986 I.E. Aust. Electric Energy Conference  
"Management of Fire Risk for Aging Electricity Substations"
- 1982 ESSA Publication D(b) 29-1982  
Co-author of  
"Guide to Fire Protection of Electricity Substations"
- 1981 I.E. Aust. Conference on Engineering Management  
Co-author of:  
"Management of Engineering Design Office Operations Through Utilisation of Computer Systems and Application of Industrial Engineering Techniques."



