

## PROVIDING VALUE FOR MONEY FOR API MEMBERS

### API PURPOSE:

The Australian Power Institute is a not for profit organisation representing the interests of the wider electricity industry. The aim is to ensure Australia has a sustainable supply of power engineering professionals equipped with the right skills to develop a sustainable energy future. API initiatives target education, collaboration, diversity and improved communication to facilitate targeted academic programs, industry training, and industry sponsored research that will deliver the next generation of innovative, high quality power engineering professionals.

### API KEY OBJECTIVES:

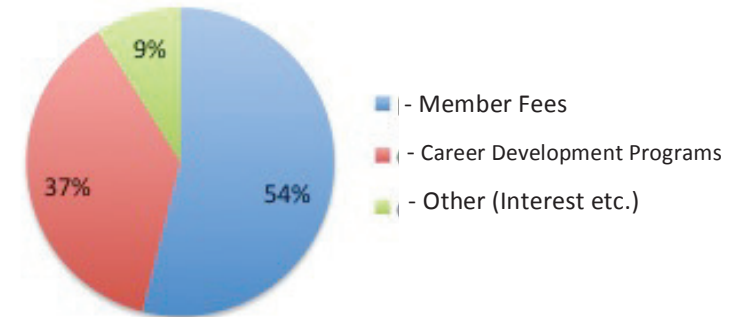
- Provide a sustainable supply of quality power engineering graduates to industry
- Facilitate a strong power engineering education platform
- Coordinate Industry and University innovation initiatives
- Provide value for money for API members

As one of the four main objectives of the API is to provide value for money for member companies, API strives to broaden it's income (to help keep member fees affordable) and targets expenditure to achieve maximum benefit. Please see the pie charts (right) to gain an understanding of where API spends it's money, not only to meet API goals but also the goals of the industry as a whole.

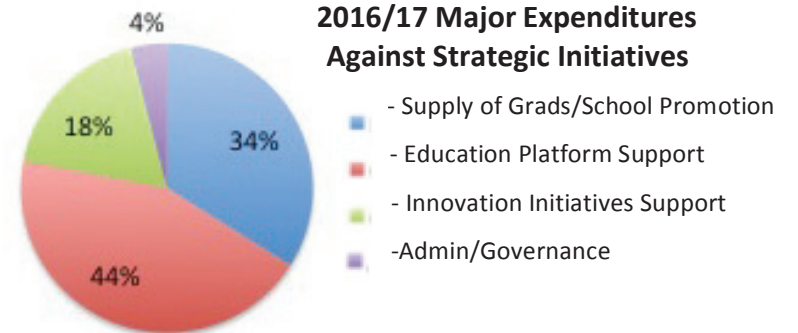
The API channels membership funds to meet the major strategic initiatives listed above. The API Board includes members at Senior Executive level representing industry who determine the direction and initiatives of the organisation. Membership of the API (across various levels) is open to all organisations that have an interest in the power industry. Please note that API is especially looking to increase member representation within the Renewable sector. Annual membership fees entitle Members to various benefits according to their Membership Category.

API is constantly working to improve performance. An API Performance Dashboard has been created (see page 2) to show where efforts are being focused and improved. Should you require further information regarding this Newsletter or API membership please visit the API Website and/or contact the API Marketing and Communications Officer, Kendall Klingaman ([kendall.klingaman@api.edu.au](mailto:kendall.klingaman@api.edu.au)).

2016/17 Major Income Categories

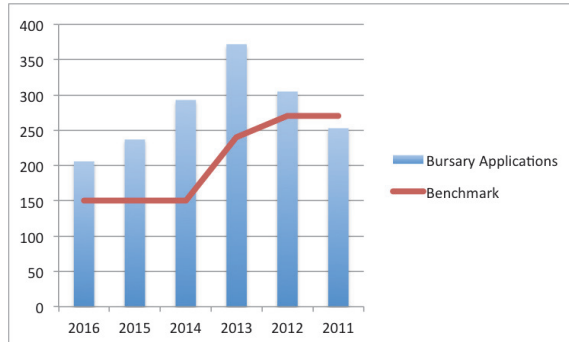


2016/17 Major Expenditures Against Strategic Initiatives



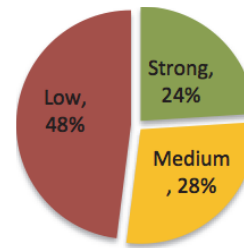
## API PERFORMANCE DASHBOARD

**Number of Bursary Applicants Each Year**



Greater than 6 times the number of available bursaries

**Academic Support for Industry Events & Attendance at API Forums**



Percent of universities participating in over 80% of API activities

**University research capability mapping (Illustrative only)**



Greater than 5 universities meet audit requirements (in progress)

Measures/KPI	Target	Status
Bursary Student Vacation Employment Rate (% obtaining employment who registered interest)	>95%	<span style="color: green;">●</span>
Number of API Bursary holders placed in power industry employment following graduation	>70%	<span style="color: red;">●</span> See note 1
Change in Curriculum to meet Industry Needs	80% of courses updated/created at least once in every 3 years for 80% of universities	<span style="color: orange;">●</span>
Summer School overall feedback results	> 90%. Good/Excellent Overall Rating	<span style="color: green;">●</span>
API Masterclass delegates survey feedback (response to overall rating question)	>80%. Good/Excellent Overall Rating	<span style="color: green;">●</span>
Number of innovation projects proposed and accepted through r2D Program	>3 per annum.	<span style="color: orange;">●</span>
Funding of Bursary Program + STELR+ Women in Power Engineering + Website	>40% of operating expenditure	<span style="color: green;">●</span>
Net Assets/Funds	Funds in Reserve > 1.1 of forward commitments	<span style="color: green;">●</span>
Annual Operating Profit/Loss	Operating Loss <10% of total expenditure	<span style="color: green;">●</span>
Number of members – overall and within various sectors as proportion of maximum potential	5% growth in networks sector 5 new members in generation/consulting/manufacturing 2 new members in renewables sector	<span style="color: red;">●</span> See note 2

**Note 1:** 2016 graduating API Bursary Survey Results October 2016 indicate lower than target securing roles pre graduation. Final results of graduates securing employment are expected in first quarter of 2017.

**Note 2:** Membership levels remain static in 2016. Significant effort commenced to engage renewable energy sector companies to become members.

● - On target    ● - In progress    ● - Below target

## API BOARD MEMBER PROFILES

### CHIEF EXECUTIVE AND CHIEF OPERATING OFFICER



- **Mr. Mike Griffin B.E.(Hons), Grad Dip Management, FAICD - Chief Executive & Chief Operating Officer, The Australian Power Institute**

Appointed by the API Board in December 2006, Mike brings over 30 years experience in power engineering and was most recently the Head of Network Asset Management at Energex. Mike has been involved with national forums including the Energy Networks Association Board, the NEMMCO Participant Advisory Committee, Standards Australia, Electro Technology Sector Board, and the Board of the Association of Professional Engineers, Scientists and Managers Australia. He also was involved with organising the Distribution 2000 and the Energy 21C series of biennial conferences for the Transmission and Distribution industry

### CHAIRMAN



- **Mr. Wayne Tucker, Grad Dip Eng Maint, Ass Dip Elect Eng, MBA, GAICD - General Manager Strategic Asset Management, TasNetworks**

Wayne has over 30 years' experience in the Australian electricity supply industry. In his current role of General Manager Strategic Asset Management at TasNetworks, he is responsible for transmission and distribution network planning and performance, network innovation and the development of asset management systems and strategies. Wayne is actively involved with TasNetwork's graduate and mentoring programs and is also a member of ENA Asset Management Committee and represented API on the ENA/API Innovation Joint Working Group.

### BOARD MEMBERS



- **Mr. Gerard Reiter, B.Eng, RPEQ, AIPM, Grad Dip Bus. Admin. - Executive General Manager, Transgrid**

Gerard is the Executive General Manager of Asset Management of TransGrid, NSW's transmission network service provider. He is responsible for determining TransGrid's strategic asset management decisions, investment strategies in addition to asset performance, environmental approvals and non-network solutions.

With more than 22 years of experience in the Australian electricity supply industry, Gerard has worked in a number of areas including design, project management as well as procurement and contractor engagement. His continued professional interest is focused on the development of technology in the energy industry.



- **Mr. Tony Pfeiffer B.Eng, FIEAust CPEng RPEQ NPER GAICD - Acting Executive General Manager Asset Management, Ergon Energy**

Tony is responsible for Ergon Energy's Asset Strategy and for defining the Program of Work across the distribution business, in order to maximise the efficient and effective management of the assets. He brings 30 years of industry experience in business strategy, economic regulation, operation, construction, asset management and business performance in the Electricity Utility Industry. Tony was intimately involved in the formation of the National Electricity Market and also worked on the development of the original National Electricity Code. He continues to represent the industry on a range of national committees. Tony is on the Board of the Australian Power Institute, as well as Green Cross Australia.



- **Mrs. Jane Smith BA, GAICD - Group Manager Field Support for Energex Limited, Queensland.**

Jane is responsible for the development of the Non-System Asset Plans for Energex's Fleet and Tools and Equipment; the delivery the associated capital and maintenance programs; and the provision of Technical Training to field staff through Energex's Registered Training Organisation, EsiTrain. Jane was appointed to the position of Group Manager Field Support Group in January 2013 and has held various positions, previously overseeing the Customer Contact and Business Performance Groups since joining Energex in 2001.

In her career, Jane has been employed in various leadership roles in both the public and private sectors gaining extensive experience in: leading large diverse teams through change; strategic development and delivery of divisional business plans and implementing key improvement initiatives. Jane believes that API plays a valuable role in partnering with educators and industry to promote a sustainable supply of engineers responding to the future needs of industry.



- **Mr. Mark Hibbert B.Eng (Hons), M.E., CPeng., RPEQ - Technical Director, Aurecon**

Mark is an Executive with Aurecon with over 34 years' experience. Mark specializes in power system analysis, and has a wide experience in all aspects of distribution network planning and design and HV power distribution plant and operations. Mark has been actively involved in continuing professional development activities to share his knowledge and experience with the future generation of power engineering professionals in the industry.

- **Mr. Ed Wilson, B.Eng.(Hons) - Managing Director, Wilson Transformer Company Pty Ltd (WTC)**



Ed is the Managing Director of Wilson Transformer Company Pty Ltd (WTC) and has 15 years' experience in the manufacturing and energy industry. Ed is third generation of Wilson family and is now leading WTC as the largest Australian-owned and based manufacturer of power and distribution transformers in Australia. After graduating as a Mechanical Engineer (Hons) at Monash University in 2001, he has enjoyed many roles, including Industrial Engineering, Quality & Continuous Improvement, Manufacturing Management, Sales, General Manager of the Power Transformer Business, and Managing Director since August 2015. WTC has been an active supporter of the API since its inception and recognises the need for young engineers to gain early industry experience as part of their development, regularly providing employment for API Bursary holders.

As well as being a member of the Australian Power Institute (API), Ed is also the Deputy Chairman of the Australian National Committee of Cigre and a member of the Financial Risk and Audit sub-committee of CIGRE, an international organisation whose members include leading electrical utilities and suppliers.

- **Mr. Trevor E Jacobs, BSc.Eng, Grad Dip (Project Management), RPEQ - Manager of Primary Systems Design, Powerlink Queensland.**



Trevor has 31 years of experience in the industry in a wide range of activities including design, construction and project management. He joined Powerlink in 2002. Powerlink recognises the need for good quality graduate engineers. Internally, Powerlink has a dedicated development scheme for new graduates and Primary Systems Design (substations and lines) plays an important role in their development. Externally, Powerlink supports API in ensuring a continuous supply of suitably qualified graduates for all facets of the electricity industry including utilities, consultants, suppliers and contractors.

- **Mr. Craig Moody B. Eng (Hons), Grad Dip BA - Acting Manager Major Project Services, Ausgrid**



Craig is responsible for the development and delivery of Ausgrid's major capital projects and programs of work. This includes management of the multi disciplinary teams across design, procurement, community engagement, environmental, contract and project management in order to safely and efficiently deliver solutions. From preliminary phase interaction with the Planning and Engineering groups through to operational hand over the role has both life cycle oversight and full accountability for the development, approval(s) and delivery. Recent developments in network technology, market delivery mechanisms and emerging disruptive technologies combined with environmental, community, regulatory and commercial drivers create a complex and challenging leadership role.

Commencing with a cadetship program and 30 years experience across all key areas of the Transmission and Distribution network business Craig brings both an experience base, contemporary thinking and drive for new approaches to the API Board.

- **Dr. Seán Mc Goldrick, PhD, BA, BAI - Executive Manager, Asset Management, Western Power**



Seán joined Western Power in June 2015, bringing a rich international perspective from 28 years in the electricity sector. His career spans operations, management, development and research on power systems and utilities around the world and he has provided consultancy services to utilities, governments and regulators throughout Europe, the Middle East and Africa. He has also held positions at Executive Director and Board level in utilities in North America, the British Isles and Europe. Seán holds a PhD (Molecular Physics), Bachelor of Arts (Mathematics) and Bachelor of Engineering from Trinity College at the University of Dublin.

Asset Management is accountable for managing overall asset lifecycles, asset performance management strategies, network planning, engineering and design and safety, environment, quality and training. As the major network operator in Western Australia, Western Power is a significant employer of engineers and is a foundation member of the API.

## CONTACT US

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Linkedin "The Australian Power Institute"