OPPORTUNITIES IN POWER ENGINEERING
2019 Energy Industry Bursaries
Australia’s energy industry is undergoing significant transformation. Over the next 5 years, the industry will experience an accelerated and unprecedented rate of change when compared to the rate of change over the previous 20 years. Fast evolving technologies challenge the existing design of current energy infrastructure and power systems.
API PURPOSE

• Provide a **sustainable supply of quality power engineering and technology graduates** to energy businesses across Australia.

• Facilitate a **strong power engineering and technology education platform** for undergraduate students and existing industry professionals.

• Strengthen **academic quality and industry experience** to enhance student university education – coordinate industry and university innovation initiatives.

• Promote **power engineering and technology graduate diversity**.
API collaborating partners on key initiatives
Governor Members

TasNetworks
Powerlink
Endeavour Energy

Principal Members

Aurecon
SA Power Networks
Origin
Wilson
ElectraNet

Industry Members

United Energy
Redback Technologies
Synergy
AusNet Services
CS Energy
POWER ENGINEERS: WHY DO WE NEED THEM?

When the disaster strikes!

....and all of the time to meet our needs for essential energy
BIG CHALLENGES & GREAT OPPORTUNITIES

• Significant change in electrical infrastructure and make up of industry with increasing penetration of renewables

• Wide range of technologies being implemented

• Attractive starting salaries

• Many power engineers nearing retirement

THE ENERGY INDUSTRY IS GOING THROUGH THE GREATEST TRANSFORMATION SINCE ELECTRICITY WAS FIRST INVENTED OVER 100 YEARS AGO.
OPPORTUNITIES IN POWER ENGINEERING

- Manufacturing/Processing
- Consulting/Engineering Services
- Generation
- Renewables
- Transmission
- Distribution
HOW DO YOU FIT IN?

Do you want to make a difference?
- taking up climate change challenges
- addressing technological challenges
- renewables
- energy efficiency
- providing essential service to community
- raising living standards & tackling poverty?

Do you expect to:
- have ongoing opportunities for professional & personal development?
- travel around Australia and overseas?
- enjoy good work-life balance?
CAREER PATH AS AN ENGINEER

• Graduate development program

• Technical specialist/consultant

• Manager

• Executive/Chief Executive
2019 POWER INDUSTRY BURSARIES
NATIONAL POWER ENGINEERING BURSARY PROGRAM

YOU

- 1st year engineering (majority) and some 2nd & 3rd year
- Electrical (majority)
- Renewable Technologies
- Mechanical mechatronics or info mechatronics

US

- Wide variety of power industry sponsors (Utilities & Renewables)
- A diverse industry with ample challenges
- Industry focused on YOUR development

Bursary

- National program via API
NATIONAL POWER ENGINEERING BURSARY PROGRAM

What’s in it for YOU?

1. $4,000 payment over 4 years
   - Starting in Year 1 = NOW!
   - No strings attached
   - 25 bursaries available in 2018 in Australia

2. Vacation employment
   - Opportunity to learn about future job opportunities & challenges
   - May be required to travel or relocate away from home to undertake paid vacation work

3. Industry networking and thesis/project assistance
   - Mentoring program with CIGRE Next Generation Network (NGN) recent graduates
NATIONAL POWER ENGINEERING BURSARY PROGRAM

Find out more by reading the student comments and bursary newsletters on the API website.

http://api.edu.au/about/achievements/
API BURSARY STUDENT COMMENTS

“I really found great value as the API provided a well coordinated program for allocating sponsor companies and bursary students together for a least one guaranteed vacation work placement - saves students a lot of trouble and worry”

“Through out the API program, I learnt an incredible amount about the workforce, the practicalities of engineering design/implementation and so much more that I will never forget. I also gained confidence and matured as an individual in the workforce a lot more than other students by doing so. ”

“The API provides framework to introduce students to the power industry, present them with opportunities to gain first hand experience and to help better inform future career decisions. I consider myself very fortunate to have been apart of this program as I recognise that I would not be this far ahead in my career without it. ”
YOU CAN TAKE PART NOW!

To apply for the API Bursary:
1. Visit: www.api.edu.au
2. Click “API Bursary” in “University Students” tab
3. Click apply online
4. Submit online form

Closing date for applications: 10 May 2019

For more details about careers in power industry: www.powerengineering.org.au
SELECTION CRITERIA

• Sound academic performance  
  - (based on Tertiary Entrance Results + 1st Semester University results)

• Interest and motivation for a career in the energy industry

• Available to Australian Citizens and Permanent Residents
CONTACT:

info@api.edu.au

or visit

www.api.edu.au