The Australian Power Institute  
ENERGY INNOVATION SUMMIT 2019  
27 - 28 August 2019

SUMMIT OBJECTIVES

This interactive forum between industry and university representatives will focus on knowledge sharing relating to a number of INDUSTRY DRIVEN INNOVATION PROJECTS including:

- An update on projects updates approved as part of the Australian Power Institute (API) & Energy Networks Australia Asset Management Committee Innovation Framework.
- Sharing of current outcomes and learnings between innovation project teams to identify synergies between projects (and also avoid duplication between projects).
- Providing forum to identify potential improvement opportunities through review by other industry and university representatives.
- Promotion of universities research capabilities to industry (particularly through participation and exhibition).

2018 API/ENA INNOVATION PROJECTS

1. **MANAGEMENT OF VOLTAGES IN LV NETWORKS**
   Aims to develop a flexible modelling tool for LV networks using network data readily available within the associated distribution network service providers (DNSPs).

2. **CONDUCTOR CONDITION MONITORING**
   Investigates how to effectively monitor and assess the condition of overhead conductors for improved asset management in Australian distribution networks.

3. **QUANTIFYING EXTREME BUSHFIRE CONSEQUENCES**
   Aims to identify a standardised method for accurately assessing the potential costs of a bushfire by combining fire simulations with economic and decision analyses.

4. **SOLAR ENABLEMENT INITIATIVE (SEI)**
   Trials a new state estimation algorithm that estimates the networks’ operational conditions in seven medium voltage distribution feeders in QLD, VIC, TAS to increase penetration of PV.

5. **UQ TRANSFORMER INNOVATION CENTRE (TIC)**
   Focuses on the asset management of power transformers in the modern electrical network while applying innovative research and industry experience to assist members' operations.

2019 API/ENA INNOVATION PROJECTS

1. **ELECTRIC VEHICLE (EV) CHARGING & GRID STORAGE**
   Studying industry needs to engineer new methods for operating and managing system loads and charging systems for EV.

2. **DER, MICRO GRIDS & EDGE OF GRID MANAGEMENT**
   Studying voltage stability and feeder management for distributed energy resources to enable control of low inertia systems, stability management and protection.

REGISTRATION & FURTHER INFO

**REGISTRATION CLOSING DATE FRIDAY 19 JULY 2019.**

The venue is a 5 minute walk from the Brisbane Domestic Airport and both the accommodation options. Discounted Accommodation (if required) is to be arranged by attendee individually. You may choose between the Ibis Brisbane Airport or Pullman Brisbane Airport. Click the links on page 2 of brochure to begin booking.

Conference Organiser: Kendall Klingaman (API)  Email: kendall.klingaman@api.edu.au

VISIT THE FOLLOWING URL TO BEGIN REGISTRATION
(https://purelycreative.currinda.com/register/event/1180)

**WHEN**  
27th & 28th August 2019  
**WHERE**  
Brisbane Airport Conference Centre  
**COST**  
$500 + GST Registration  
$1,000 + GST University Exhibition Booth
Universities are invited to host an exhibition booth during both lunches on Day 1 & Day 2, as well as during afternoon tea and conference drinks on day 1.

This is a great opportunity to showcase university capabilities, share research & development achievements and to network with both University and Industry across Australia.

Exhibition Booth Cost: $1,000 + GST
*Includes 1x Registration & Conference Dinner

Limited number of booths available due to the function space.

If interested in booking, please contact Kendall Klingaman (kendall.klingaman@api.edu.au) to secure your booth position by 19 July 2019.