Technical Tour to Quarantine Power Station

Organised by: IEEE Power and Energy Society Chapter in SA in collaboration with Origin Energy

Date: Tuesday, 5th September 2017, 2:00pm – 4:00pm
Venue: Quarantine Power Station, Torrens Island (please see map on next page)

Quarantine Power Station is the Origin’s largest owned peaking gas fired power station in South Australia. It is located on Torrens Island between the old Quarantine Station and the Torrens Island Power Station.

Built and Operated by Origin Energy since 2002 with an original installed capacity of 96 MW consisted of 4 Siemens SGT600 gas turbines at 24 MW each. Another 125 MW of General Electric heavy duty 9E gas turbine was added in 2009. The plant is operated and dispatched from Origins Monitoring and Support Centre in Brisbane, Queensland. It can also be operated from the site or hand held mobile devices such as an iPad. The site has 7 full time personnel consisting of Instrumentation/Control, Mechanical and Administration Support. Turbine engineering and project support are also based at the site and offer support across all generation assets. The technical tour will include an overview of the power station and Origins broader fleet, followed by a site tour.

About the Speaker/Presenter/Tour Guide

Adam Earnshaw

Adam has been involved in the power industry for over 7 years. Currently he is working as an Electrical Engineer for Origin Energy. In this role he is responsible for maintaining the integrity of the electrical assets at four of Origin’s power plants. Throughout his time in the electrical profession, he has delivered many major generator and transformer overhaul projects, helped to develop greenfield renewable projects and spent nine months as a maintenance engineer at Australia's largest combined cycle power station. He is passionate about the improvement of asset management systems and managing process safety risks within power generation.

For registration, please email to Dr. M. H. Haque (mohammed.haque@unisa.edu.au) by 03 September.
Note: After arriving the main security gate (boom gate), let the security officer know that you are travelling to the Quarantine Power Station and they will let you drive through.