

POWER, ENERGY & CLEAN TECHNOLOGIES

seminars



Friday 3 May 2024

12:00pm (AEST) – start
12:55 – conclusion

Time will be allocated for questions after the presentation

*This seminar will be delivered in person
and by livestream Zoom:*

Venue: GP-P-419

P-Block, Level 4, Room P419, [QUT Gardens Point](#)

Zoom Delivery: [Join by Zoom](#) Password: 494205

Biography

Mr Jeremy Varendorff

Senior Manager / Power Utilities / Strategy & Transactions / Ernst & Young

Jeremy is a senior manager in EY's electricity market modelling team (EY-ROAM). He primarily advises and provides wholesale market forecasting services to renewable developers, asset owners, transmission network service providers and governments on the feasibility of their investments and to help inform long-term planning and/or policy decisions.

He has extensive knowledge and interest in power systems engineering, market design, market economics, renewable energy and optimisation problems. Jeremy has a degree in electrical engineering from QUT and previously worked in the construction industry as a commercial electrician.

Speaker's contact details

Email: jeremy.varendorff@au.ey.com

The Energy Researchers at QUT are pleased to invite you in person or online to the hybrid PECT Seminar given by Mr Jeremy Varendorff from EY

The Challenges of the Energy Transition in the Context of the Singapore Wholesale Electricity Market (SWEM) and Power System

Abstract

Most of us working in the power sector in Australia are aware of the many challenges the power system and electricity market faces as we transition to renewables. This presentation takes a look outside of Australia to a country also navigating the transition but with some differences in the challenges it faces.

In late 2022, Singapore committed to achieve net zero emissions by 2050 as part of their Long-Term Low-Emissions Development Strategy. The country currently relies heavily on gas as it's primary fuel for power generation and with geographical land constraints, locally built renewable options are very limited. Therefore, they are looking at alternative solutions to reduce energy sector emissions including overseas renewable imports, transitioning the existing generation fleet to run on hydrogen blend fuels and new technologies such as geothermal.

[RSVP via Eventbrite](#)
COB Thursday 2 May 2024

