



Tuesday 15 November 2022 | 8 AM - 5 PM
Mercure Hotel, Irwin St, Perth

WA POWER ENERGY SOLUTIONS TOWARDS NET ZERO

A one-day CPD conference
by the WA chapter of EESA

CONFERENCE PROGRAM

FROM 8:00 AM **REGISTRATION AND COFFEE**

8:30 – 9:30 AM **SESSION 1**

What, no fossil Fuels? What can we do?

Session chair: Laurie Curro

How to Prepare for a Net Zero Emissions Future?

Dean Sharifi and Teresa Smit, AEMO

The Net Zero dream - Renewables or Nuclear?

Dr Robert Barr, Electric Power Consulting

9:30 – 9:50 AM **MORNING TEA**

9:50 – 11:15 AM **SESSION 2**

Life after coal – where to from here?

Session chair: Andy Wearmouth

Energy Pump Hydro Storage Systems – Balancing Risk

Dr Mark Locke, GHD

Pumped-Up Walpole

Colin Stonehouse, PRD

A utility-scale green hydrogen plants at SWIS – Grid connection studies

Mehdi Toufan, ATCO

11:15 AM – 12:00 PM **PANEL**

There is no Solution without the GRID?

Panel chair: Andy Wearmouth

PANEL MEMBERS

Nee Nee Ong, GHD

Tiina Ratamo, KBR

Lekshmi Jaya Mohan, GHD

Revana Boodhraj, Western Power

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12:00 – 12:45 PM **LUNCH**

12:45 – 2:15 PM **SESSION 3**

Store it or lose it? Exploring current & future solutions and technologies

Session chair: Ria Sheryl Belisario

The Big Collie Battery

Nathan Ling, Neoen

Broome Community Battery

David Edwards, Horizon Power

A nuclear Energy Roadmap for WA based on small Modular Nuclear Reactors

Robert Parker, Nuclear for Climate

2:15 – 2:45 PM **AFTERNOON TEA**

2:45 – 4:00 PM **SESSION 4**

Are we prepared to pay for our Next Generation?

Session chair: Russell Ellen

Network challenges & opportunities towards Net Zero - Future Grid, EVs, DER and StandAlone Power Systems

Ben Bristow and Revana Boodhraj, Western Power
High level costs on our project, and some of the trends we've seen in costs given a global storage boom

Terence Loh, Synergy

Assessing the Economic Viability of Energy Storage Systems

Dr Robert Barr, Electric Power Consulting Pty

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4:00 – 5:00 PM

PANEL

**The SWIS is an Energy and Capacity Only Market,
Can we go to Net Zero?**

Panel chair: Russell Ellen

PANEL MEMBERS:

Ben Bristow, Western Power

Dr Robert Barr, Electric Power Consulting

Terence Loh, Synergy

Robert Parker, Nuclear for Climate

PRICING

EESA member: \$150

EA member: \$175

Non-member: \$200

REGISTER NOW

When humankind as a whole is in a position to give back to nature at least as much as we take, and repay some of our debts, we will be able to lead more balanced lives.

- Sir David Attenborough

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