Electricity Engineers' Association

Professional Development Programme

Annual Power Engineering Exchange

APEX | 2026

POWER WITH PURPOSE

WELLINGTON — 10TH NOVEMBER
SHED 6, QUEENS WHARF, WELLINGTON

8.30am	**Registration — Arrival Tea and Coffee**
8.50am	**Welcome: Lydia Kerr, Electra APEX Chair**
Session 1 – Engineering Innovation and Asset Management	
9.00am	**Sarah Bell and Kendra van Loon, Meridian** — Asset Health in Action: Rethinking Hydro Maintenance
9.25am	**Sora Araki, Northpower** — Delivering Resilient Infrastructure: Lessons from a Critical Transmission Asset Renewal Project
9.50am	**Sabine Volker, Connetics** — Sawdust to Subdivisions: Lessons from Carpentry for Subdivision Design
10.15am	**Kai Ferrier, ElectroNet** — Ashley-Coldstream Line Bay Project
10.40am	**Morning Tea**
Session 2 – Smarter Networks and Emerging Technologies	
11.00am	**Annie John, Counties Energy** — Using Hot Water Flexibility to Defer Network Reinforcement: A Real-World Case Study at Opaheke Zone Substation
11.25am	**Daniel Duan, PowerNet**— Calculating and Communicating Rooftop Solar Export Limits Using a Congestion Map
11.50am	**Andres Pinzon Mendez, Powerco** — Rethinking the Battery: Unlocking Network Value from Pole-Mounted BESS
12.15pm	**James Davison, Ergo** — Beneath the Surface: Secrets of the Underworld Powering New Zealand (Help, My Cables Can't Deliver Their Datasheet Rating!)
12.40pm	**Lunch**
Session 3 – Future-Ready Assets and Digital Systems	
1.15pm	**Jay Nguyen, Transpower**— New Technology 245 kV Dry-Type Cable Terminations
1.40pm	**Jefferson Ballesteros, Beca** — Connecting Critical Infrastructure: Using SCADA to Monitor and Manage Diverse Electrical Assets
2.05pm	**Penelope Keeling, Meridian** — Designing a Future-Ready SCADA System for an Evolving Generation Portfolio
2.30pm	**Seff Figgins, Ergo** —More Than a Protection Upgrade – Using Protection System Modernisation to Extend the Life of a Legacy Hydroelectric Power Station
2.55pm	**Afternoon Tea**
Session 4 – Power System Performance and Resilience	
3.15pm	**Treasa Glubb, PSC** — Dynamic Model Validation in New Zealand's Changing Power System
3.40pm	**Alex Foot, Transpower** — OFR: Managing Over-Frequency Risk in New Zealand's Power System
4.15pm	**PRESENTATIONS - Joint EEA / CIGRE Best APEX Presentation Award and People's Choice Award** **CLOSING COMMENTS: APEX Chair: Lydia Kerr, Electra**
4.30pm	**Social Function**
6.00pm	**Close of APEX 2026 Summit**

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