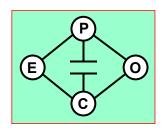
Electric Power Optimization Centre

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EPOC Winter Workshop 2025

Friday, September 5, 2025 Auckland University Conference Centre, 22 Symonds Street, Auckland

8:45	WELCOME
9:00	Vitor de Matos (Norus, Florianopolis) Electricity modelling in Brazil
9:40	Jannik Haas (SERG, University of Canterbury) Modelling a Low-Carbon Future: Tools for Energy and Carbon Infrastructure
10:20	Hadi Vatankhah-Ghadim (SERG, University of Canterbury) Rethinking Seasonal Storage: A Trans-Tasman Subsea HVDC Link as an Alternative to Hydrogen in New Zealand's Energy Transition
11:00	COFFEE
11:20	James Tipping (Vector) Practical realities of whole-system DER optimization
12:00	Lisa Hillas (University of Auckland) A principal-agent model of aggregators and prosumers
12:40	LUNCH
1:40	Grant Telfar (Meridian Energy) The role of renewable spill in a future, highly renewable, power system
2:20	Sam Turner, Anthony Downward and Brian Lee (Contact Energy) Optimisation methods for real-time trading
3:00	COFFEE
3:20	Andy Philpott (EPOC) New modelling features in JADE
4:00	Panel discussion (Grant Read, Grant Telfar, Richard Meade, Bryan Leyland) What next for NZEM?
5:00	Workshop concludes