Electric Power Optimization Centre
https://www.epoc.org.nz

EPOC Winter Workshop 2026

Friday, September 4, 2026
Room 401.439, 20 Symonds Street, Auckland

8:45	WELCOME
9:00	Ali Kok (TU Wien) Capacity expansion using SDDP: a district heating application
9:40	Lewis Wood (Genesis Energy) Mapping the market: An exploration using Neural SDDP
10:20	Rebecca Peer (SERG, University of Canterbury) Planning for a secure energy transition in Aotearoa
11:00	COFFEE
11:20	Scott McDonald (Trighill Consulting) Spreads, Scratches and Shadow Prices: Inside Electricity Hedge Markets in New Zealand and North America
12:00	Gareth Gretton and Luke Searle (EECA) The TIMES-NZ 3.0 model: How we built it and what it's telling us
12:40	LUNCH
1:40	Jim Bushnell (UC Davis) Capacity Markets: When Practice Contradicts Theory
2:20	Andy Philpott (EPOC) On energy-only electricity markets under uncertainty
3:00	Grant Telfar (Meridian) When modelling meets the real world: In the fast lane at Lake Pukaki
3:40	COFFEE
4:00	Alexandre Fargier (EPOC) Optimizing energy bids and offers for BESS
4:30	Andy Philpott, Ben Guo and Andrew Jin (EPOC) Estimating competitive contract prices
5:00	Workshop concludes