



EPOC Winter Workshop 2025

Friday, September 5, 2025

Auckland University Conference Centre, 22 Symonds Street, Auckland

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| 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 |