



EPOC Winter Workshop 2018

Friday September 7, 2018
School of Engineering
20 Symonds Street
University of Auckland

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| 8:30 | COFFEE AND WELCOME |
| 9:00 | Tuong Nguyen (Electricity Authority)
Modelling reserve scarcity under real-time pricing – an application of Constrained Violation Penalties in SPD for reserves |
| 9:40 | Nevill Gluyas (FNZC)
Homebrew hydrothermal modelling: observations from a scratch-built CDDP implementation |
| 10:30 | COFFEE |
| 11:00 | Andy Philpott and Ziming Guan (EPOC)
Electricity market benchmarking experiments |
| 11:40 | Grant Telfar (Meridian Energy)
Market Performance: 2010-2017. A Meridian Hindcasting Perspective |
| 12:30 | LUNCH |
| 1:30 | Conrad MacCormack and Matthew Keir (Electricity Authority)
Security of supply – deriving a winter energy standard using the DOASA model |
| 2:10 | Tony Downward, Ben Fulton and Shasa Foster (EPOC)
Computing the impact of changes to New Zealand's generation mix on hydro reservoir management |
| 2:50 | COFFEE |
| 3:10 | Alan Ansell (EPOC)
Forecasting electricity demand and prices with machine learning |
| 3:50 | Andy Philpott, Tony Downward and Michael Ferris (EPOC)
Modelling the cost of 100% renewable electricity |
| 4:30 | WORKSHOP FINISHES |