



EPOC Winter Workshop 2021

Friday, September 10, 2021 to be held on Zoom

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| 8:45 | WELCOME |
| 9:00 | Phil Bishop (Electricity Authority)
Introducing JADE: An open source SDDP model of NZ electricity supply |
| 9:40 | Assessing the cost of network simplifications in hydro-thermal scheduling
Oscar Dowson (JuMP) |
| 10:20 | COFFEE |
| 10:40 | Sean Buchanan (New Zealand Climate Change Commission)
Determining emission budgets: electricity sector modelling |
| 11:20 | Niven Winchester (AUT)
The Climate PoLicy ANalysis (C-PLAN) Model, Version 1.0 |
| 12:00 | LUNCH |
| 1:00 | Grant Telfar (Meridian Energy)
The Future NZ Power System in 2050: Decarbonisation & Challenges |
| 1:40 | Andy Philpott and Tony Downward (EPOC)
Modelling future electricity supply using JuDGE |
| 2:20 | COFFEE |
| 2:40 | Conrad Edwards (MBIE)
Modelling NZ Battery |
| 3:20 | Tony Downward and Andy Philpott (EPOC)
Modelling Lake Onslow using JADE |
| 4:00 | Grant Read, Richard Meade, Andy Philpott
Panel Discussion: Wholesale Electricity Market 2.0 |
| 4:40 | WORKSHOP FINISHES |