

Steven Percy – Short CV

Research Fellow at The Victoria Energy Policy Centre



Company Name: Victoria University
Dates Employed: Aug 2018 – Present
Employment Duration: 5 Months
Location: Melbourne, Australia

The Victoria Energy Policy Centre (VEPC) is a research centre focussing on policy challenges in energy in Australia, with a particular focus on Victoria. Steven leads the VEPC storage economics research.

Energy Consultant and Data Scientist



Company Name: ENEA Consulting
Dates Employed: Jan 2018 – Aug 2018
Employment Duration: 8 Months
Location: Melbourne, Australia

Steven contributed to ENEA goals for the advancement of energy transition and the development of energy access worldwide. Steven focused on research and modelling of battery storage, energy demand and cost impacts of bushfire events in electricity distribution networks.

PHD, Electrical Engineer



Company Name: The University of Melbourne
Dates Employed: Jun 2014 – Dec 2017
Employment Duration: 3 yrs 7 Months
Location: Melbourne, Australia

Thesis Title: Optimal Design of Low Carbon Residential Microgrids

Brief Synopsis of Research: Residential electricity supply has the potential to move to a low carbon future through the increased application of distributed generation and distributed storage, microgrid systems, new demand response methods, innovative passive building designs and improved energy efficiency. Improved modelling and optimisation have the opportunity to simultaneously reduce financial risk (through higher fidelity estimates of operation and performance) and improve the overall business case (by providing guidance on the best configuration, design and structure of deployments). In this research, I present an integrated modelling and optimisation framework that has new capabilities to design, build and test the business case for low Carbon microgrid precincts with storage and distributed generation technologies at their core.

CSIRO Energy Technology



Title: Electrical Engineer
Dates Employed: Jan 2009 – Dec 2017
Employment Duration: 9 yrs
Location: Newcastle, Australia
Role: Energy modelling, electrical design, solar thermal and research.