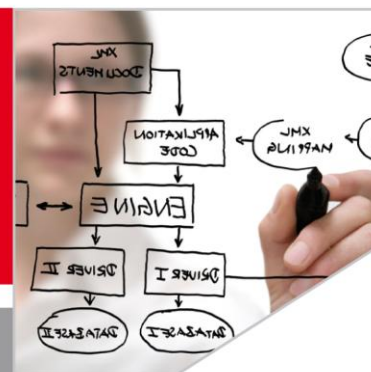


Zero Carbon Australia Stationary Energy Plan

100% Renewable Energy Generation

Patrick Hearps BE (Hons), Research Fellow in Energy & Transport Systems at the University of Melbourne's Energy Research Institute



Joint Electrical Electronic Papers

EVENT DETAILS

Date:

Wednesday, 13 June 2012

Time:

5.30 pm start

(Light refreshments will be served after the event)

Venue:

Auditorium
Engineers Australia
712 Murray Street
West Perth

Cost:

Free

RSVP:

Not required



A presentation of the framework, methodology and findings of the Beyond Zero Emissions 'Zero Carbon Australia Stationary Energy Plan', a technical feasibility study for powering Australia with 100% renewable energy, primarily through a combination of approximately 60% concentrating solar thermal (CST) with storage and 40% wind power. The performance of this proposed supply infrastructure in meeting projected electricity demand was modelled with real resource and demand data from 2008 and 2009.

Finally, the practical feasibility of implementation was tested against the resource and workforce constraints of the Australian economy, and the financial impacts of the scheme were compared with business as usual.



Representing the ITEE Panel

