

## Australian Institute of Energy NSW & ACT

### Postgraduate Student Energy Awards 2010

The NSW / ACT Postgraduate Student Energy Awards were held on 12 October 2010 at Blake Dawson, 225 George Street, Sydney. Mr Greg Everett, the Chief Executive of Delta Electricity, was guest-of-honour and helped present the Awards.

Fourteen entries were received from 6 universities in NSW and the ACT. Entries consisted of a project summary and a project poster display. Entries were allocated to one of three categories:

- Energy in Society
- Innovation in Energy Science & Engineering
- Energy-Achieving More With Less

The summaries and posters were assessed by a panel of Judges.

Two sponsored prizes were awarded in each category – First Prize (\$750) and Highly Commended (\$250). First Prize winners also received a travel allowance to attend the AIE National Conference 14-16 November, where their project will be judged against students from other states for the AIE National Postgraduate Student Energy Awards.

**The award winners were:**

Prize	Energy in Society	Innovation in Energy Science & Engineering	Achieving More With Less
First Prize Winner	<b>Xihe (James) Sun</b> - <i>University of Sydney</i>  Novel carbon electrodes for zinc bromine flow batteries	<b>Reydyck D Balucan</b> - <i>University of Newcastle</i>  Mineral carbonation: Nation-building with carbon dioxide for energy security and environmental sustainability	<b>Rowan Braham</b> - <i>University of Sydney</i>  Solar powered air treatment through photocatalysis
Highly Commended Prize Winner	<b>Elsa Sutedja</b> - <i>University of Sydney</i>  Techno-economic feasibility study of battery installation to increase wind farm utilisation	<b>Jiefeng (Jerry) Hu</b> - <i>University of Technology, Sydney</i>  Control of doubly fed induction generator (DFIG) for wind energy generation	<b>Ming (Simon) Zhao</b> - <i>University of Sydney</i>  Catalysis-plus-sorption-enhanced hydrogen synthesis from biomass

These awards are only possible with the generous support of the sponsors:

Major sponsor - [Schneider-Electric](#)

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Photos from NSW / ACT Postgraduate Student Energy Awards 12 October 2010

Prize	Energy in Society	Innovation in Energy Science & Engineering	Energy - Achieving More With Less
<p><b>First Prize Winners</b></p>	 <p><b>Xihe (James) Sun - University of Sydney</b></p>	 <p><b>Reyduck D Balucan - University of Newcastle</b></p>	 <p><b>Rowan Braham - University of Sydney</b></p>
<p><b>Highly Commended Prize Winners</b></p>	 <p><b>Elsa Sutedja - University of Sydney</b></p>	 <p><b>Jiefeng (Jerry) Hu - University of Technology, Sydney</b></p>	 <p><b>Ming (Simon) Zhao - University of Sydney</b></p>

Some other [higher resolution] images are available - email [Sydney Branch](mailto:sydney@energyawards.com.au)



