

ASI Solar Energy Forecasting Workshop Agenda at the International Conference Energy and Meteorology 2011



Friday 11th November

Surfers Paradise Marriott Resort & Spa, Gold Coast, Queensland, Australia

Hinterland Room 2

Time	Item	Speaker(s)
9:00	Introduction to the workshop	Mark Twidell, ASI
9:05	Overview of current activity, gaps and requirements	Peter Coppin, CSIRO
9:25	University of NSW ASI Round 2 project update- Forecasting and Characterising Grid Connected Solar Energy and Developing Synergies with Wind	Merlinde Kay, University of NSW and Huang Jing, University of South Australia
9:35	AEMO perspective on the proposed Australian Solar Energy Forecasting System	John Howarth, AEMO
10:00	Geoscience Australia/Bureau of Meteorology Solar Resource Mapping Project update	Graham Hammond, Geoscience Australia
10:10	United States-Australia Solar Energy Collaboration- Foundation Projects, Research Exchange & planned activity	Olivia Coldrey, ASI
10:20	CSIRO ASI Round 2 project update- Characterising the Effect of High Penetration Solar Intermittency on Australian Electricity Networks	Saad Sayeef, CSIRO
10.30	Morning tea break	
10.45	Discussion regarding priorities and next steps covering questions below.	Peter Coppin, CSIRO
12.30	Wrap-up and close	Mark Twidell, ASI

Questions for Workshop Stakeholder Feedback Session

- The need for SEF:
 - What are the key applications SEF is needed for in Australia and why?
 - Which are the most important and why?
- SEF focus areas for Australia:
 - Given the status of research both local and overseas which of the necessary R&D areas are mature and which need more work?
 - What are the most important SEF R&D areas Australia should be focussing on and why?
 - Are we ready to do local validation – do we have the data sources to forecast distributed PV?
 - What are the likely timelines?



- **Proposed ASEFS:**
 - What is the minimum requirement to commence an operational system?
 - How to integrate existing research developments and commercial offerings into ASEFS – what techniques are ready or near ready?
 - What would constitute a formal process for incorporating research community developments into ASEFS?
 - What is a realistic timeline for a staged ASEFS development?
 - Any other comments regarding the proposed ASEFS?

- **ASI approach to SEF R&D:**
 - What approach should the ASI take toward funding of SEF R&D?
 - What SEF areas should the ASI focus on or prioritise and why?

- **General:**
 - Any comments/questions in relation to specific items covered in the Discussion Paper?
 - Any other issues/questions generally?