

ASI Solar Energy Forecasting Workshop

Energy and Meteorology

Weather and Climate for the Energy Industry

1st International Conference 11 Nov 2011

Surfers Paradise Marriott, Queensland

Outline

- Overview
- Current activities - What
- AEMO Requirements – Why
- Discussion on Gaps - How



**ASI will issue a
workshop summary
paper next week for
review and comment.**



A framework to aid discussion



What do we have and know already?

What do we need to know?

What are the priorities?

What is required for AEMO needs?

What is required more broadly?

What are the constraints?

What has been done already – “off the shelf”?

What needs to be done etc ?

Key Constraints

Design Architecture

- AEMO are the client for a key part of the puzzle
- Wind Forecasting system architecture provides a model and design basis for AEMO requirements

Funding

- AEMO system will be largely funded via the Solar Flagship Project and the EIF Infrastructure component
- The prime contractor for the delivery of the AEMO requirement will therefore be with one of the Solar Flagship EIF partners – UQ & CSIRO. Funding is limited constrained by various contract requirements
- ASI will work with interested parties to assist prioritisation and source funding for scope outside of Solar Flagship constraints.
- ASI will consider investing in longer term Forecasting R&D outside the AEMO system requirement

Key Principles

- Maximise engagement in the design and specification process.
- Leverage Best Practise, existing know-how and commercially available solutions within the existing constraints.
- Provide a transparent window on progress and options for stakeholder engagement
- Seek best value for any public investment being made