

**Broadband Radiometric Instrument Focus Group Breakout
ARM/ASR Joint Meeting, March 16-20, 2015, Tysons, VA**

Agenda

Introduction and Welcome (Chuck Long)

Updates and Reports on Past Issues:

Ibrahim Reda - Deploying the new BORCAL-LW&SW procedure at SGP, update including Status of PIR calibrations and use of 3-coefficient formulas in field measurements [ECR-00781]*

Mark Kutchenreiter - Status of deployment of 12V DC fans in ventilators; screening design issues and adequate unrestricted air flow; Daily Operations checking [ECO-00991]

Site Operations Folks:- Has Daily Operations checking of ventilator air flow been instituted at all sites?

NSA and AMF: - Downward facing tower mounted systems ventilation design standardization? Mike Ritsche and Fred Hesel?

Joe Michalsky: - Absolute IR radiometer comparison campaign

Other Topics:

Cold Climate Issues: - Introduced last meeting, related to NSA and AMF systems, somewhat to SGP winter. Any thoughts from the Instrument Mentors, Barrow and Oliktok Site Ops? [Chuck Long and Mark Ivey were supposed to submit an ECR to propose adding SPN-1 as official ARM instruments as backup and QC instruments for all cold climate facilities (NSA and AMFs).]

SGP Super Site radiometry configuration: Last time briefly mentioned that Joe Michalsky had forwarded some recommendation on instrumentation for Jim Mather and others, and Laura Riihimaki and Chuck long had sent in a "white paper" regarding adding surface radiometer systems closer to the central facility. Those interested in formulating any recommendations should communicate via emails and telecons. Does the group support this effort, and do we have a group willing to do it?

Presentation:

Ibrahim Reda: "Measuring Broadband IR Irradiance in the Direct Solar Beam", which might have an impact on the method/s of outdoor radiometer calibration (SW&LW)

*Update comment to ECO-00781 from Mark Kutchenreiter on 1/29/15: "System testing is in progress. Validation and reference PIR testing planned to be done in February, 2015 by NREL on site at SGP RCF."