













# Radiometer Evaluation – Equipment Only

**Cooperative Research and Development Final Report** 

CRADA Number: CRD-10-00382

NREL Technical Contact: Stephen Wilcox

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In accordance with Requirements set forth in Article XI.A(3) of the CRADA document, this document is the final CRADA report, including a list of Subject Inventions, to be forwarded to the Office of Science and Technical Information as part of the commitment to the public to demonstrate results of federally funded research.

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**CRADA Title**: Radiometer Evaluation - Equipment Only

**Parties to the Agreement**: Yankee Environmental Systems, Inc.

### Joint Work Statement Funding Table showing DOE Commitment:

<b>Estimated Costs</b>	NREL Shared Resources
Year 1	\$ 7,000.00
Year 2	\$ 00.00
Year 3	\$ 00.00
TOTALS	\$ 7,000.00

### **Abstract of CRADA Work**:

This project will place instrumentation at the NREL Solar Radiation Research Laboratory (SRRL) in cooperation with Yankee Environmental Systems (Participant). One or more Participant instruments will be deployed for the purpose of evaluation under controlled conditions. The scope of the project will be a year-long comparison of the instruments vs. other NREL baseline instruments with a well-characterized history.

### **Summary of Research Results:**

This project placed solar measurement instrumentation at NREL's SRRL in cooperation with Yankee Environmental Systems. Three Participant instruments were deployed for the purpose of evaluating instrument performance under controlled conditions common with other similar instruments that were also under evaluation. The scope of the project was a yearlong comparison of the instruments vs. other NREL baseline instruments with a well-characterized history. The final evaluation will be a written report quantifying the differences among instruments in the study.

# **Subject Inventions Listing**:

Not applicable.

**Responsible Technical Contact at Alliance/NREL**: Stephen Wilcox

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