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Web Access and Call-In Information

Log-In Info

URL for log-in:

<https://www.mymeetings.com/nc/join/>

Conference Number: SW192882

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To call in: 1-877-989-1543

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The Solar Advisor Model (SAM)

A seminar presented by DOE/EERE's Office of Planning, Budget, and Analysis and NREL's Strategic Energy Analysis and Applications Center

Nate Blair, National Renewable Energy Laboratory
Chris Cameron, Sandia National Laboratories

Thursday, March 13, 2008

10 – 11 a.m. (Golden, Colo.)

Noon – 1 p.m. (videoconference in Washington, D.C.)

(The seminar is also offered via conference call or Internet conferencing.

See the log-in and call-in information below.)

The Solar Advisor Model (SAM) is a comprehensive solar technology systems analysis model that supports the federal R&D community and the solar industry. Staff at the National Renewable Energy Laboratory (NREL) and Sandia National Laboratories (SNL) developed the model, which allows users to investigate the impact of variations in performance, cost, and financial parameters. This capability increases understanding of the impact on key figures of merit – system output, system efficiencies, levelized cost of energy, return on investment, and system capital and O&M costs – especially through parametric and sensitivity analysis. Although SAM has been expanded in scope and user base, the model was originally developed to meet the needs of the systems driven approach (SDA) adopted by the DOE Solar Program. The program chose SAM as the model for its Solar America Initiative (SAI), and some applicants for SAI funding opportunities use SAM to calculate benchmark and projected performance and cost metrics. This seminar will include an overview of SAM as well as background on its uses for the SAI.

Nate Blair is a senior energy analyst at NREL. His current activities include developing the Renewable Energy Deployment System (ReEDS) model and developing SAM. Blair has 15 years' experience in renewable energy systems and computer simulations. He has a B.A. in physics, an M.S. in mechanical engineering, and an MBA in technology management.

Chris Cameron is a principal member of the technical staff at Sandia National Laboratories. His current activities include development and validation of PV performance models and applying SAM in support of the Solar America Initiative. Cameron has 27 years' experience in solar energy systems (PV and CSP). He has a bachelor's and a Ph.D. in physics.



Nate Blair



Chris Cameron

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