

System Advisor Model (SAM) Virtual Conference
Wednesday June 20, 2012
National Renewable Energy Laboratory
RSF X422

Time zone = Mountain (GMT -6)

9:00	Welcome and Introductions of NREL's SAM Team	Nate Blair
9:20	Parametric Study of Solar Thermal Power Plant Configuration Utilizing System Advisor Model (SAM)	J�r�mie L�ger, The University of Moncton Jonathan R. Raush and Terrence L. Chambers, Department of Mechanical Engineering University of Louisiana at Lafayette
9:40	SAM Linear Fresnel solar boiler model: Novatec solar boiler sample file	Camille Bachelier. Novatec Solar
10:00	Impact of Financial Structure on the Cost of Solar Energy	Michael Mendelsohn, NREL
10:20	Break	
10:40	Solar Input Data for PV Energy Modeling	Marie Schnitzer, Peter Johnson, Christopher Thuman, AWS TruePower
11:00	Using SAM User Language: For Just About Everything - Scripting Functionalities Utilized to Reduce SAM User Time-on-Task and Run-Time Simulations	Nathan Clark, NREL
11:20	Applicability of SAM to model CSP power plants as parts of smelters in the Atacama Desert, Chile	Patricio Castro
11:40	Break for Lunch	
12:20	PVMapper and SAM Integration for Web-Based Solar Project Siting Analysis.	Sam Alessi, Idaho National Laboratory
12:40	PV Performance and Yield Comparisons: NREL SAM and PVSYST	Sol Haroon, Suniva
1:00	PV Performance Assessment of Existing Systems Using SAM	James Mokri, Lecturer Mechanical and Aerospace Engineering San Jose State University Joseph Cunningham Director of Operations Centrosolar America, Inc.

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| 1:20 | Break | |
| 1:40 | Teaching SAM to Engineering Students | Frank Kreith,
Charles Tse
University of
Colorado at Boulder |
| 2:00 | Modeling Levelized Cost of Renewable Energy with and without Tax Credits Compared with Retail Electricity Prices | Miriam Makhyoun |
| 2:20 | CASE STUDIES COMPARING SYSTEM ADVISOR MODEL (SAM) RESULTS TO REAL PERFORMANCE DATA | Nate Blair |
| 2:40 | Q&A | All |
| 3:00 | Virtual SAM Webinar ends | |