

**Renewable Energy Working Group**  
**Notes for the Open Webinar Meeting**  
**May 2, 2012**  
**2:30 p.m. – 3:30 p.m.**

**Introductions and Welcome**

Anne Crawley welcomed all participants to the meeting.

**Large Scale RE Development on Public Lands**

Boyan Kovacic, FEMP, provided a presentation regarding large-scale renewable energy project development on Bureau of Land Management (BLM) land. In this context, large-scale project size is considered to be approximately 10 megawatts (MW) and above. BLM has been implementing large-scale projects for the past three years. To indicate the scale, he noted that BLM manages 10% of U.S. land. He provided an overview of how much BLM land is suitable for solar, wind, and geothermal development.

Mr. Kovacic outlined the Federal goals, BLM targets, and state renewable portfolio standard (RPS) drivers of renewable energy project development. He provided an overview of the project permitting process on BLM lands and the associated revenue and royalties from development. He also outlined the benefits of Programmatic Environmental Impact Statements that are in place. He provided two solar project examples both located in Nevada: Silver State North PV (50 MW) and Crescent Dunes CSP Power Tower (110 MW).

**NREL Tools and Analysis**

Andy Walker, NREL, provided an overview of the on-line renewable energy analysis tools available through NREL. The non-NREL analysis tools discussed included: RetScreen, which looks at renewable distributed generation, and AWAS tools. These assessment and screening tools evaluate renewable energy projects for building assessments, campus approach, vehicle and fleet assessments, and energy integration.

He discussed NREL's GIS capabilities and associated toolkits based on GIS. He noted that information tools are evolving in the direction of open information environments. He presented information on the following photovoltaic assessment and screening tools: Homer; IMBY; PVWatts and tools and resources for solar water heating and solar vent preheat. He presented information on SAM, the System Advisor Model. In addition, he outlined FRESA's capabilities. He discussed FEMP's web-based renewable energy cost and performance matrix, which calculates the levelized cost of energy compared to utility purchased energy. Mr. Walker also outlined NREL's Renewable Energy Optimization (REO) tool and example results using REO to create a net zero energy facility at the National Zoo in Washington, D.C.

**FEMP Renewable Energy Developments and Plans**

Ms. Crawley reviewed pending items and plans, including:

- The Council on Environmental Quality (CEQ) guidance on GHG accounting for third-party hosted renewable energy project is pending finalization. An alert will be forwarded to REWG when the final document is issued; see CEQ web link for draft guidance:  
[http://www.whitehouse.gov/sites/default/files/microsites/ceq/draft\\_revised\\_federal\\_greenhouse\\_gas\\_accounting\\_and\\_reporting\\_guidance\\_031212.pdf](http://www.whitehouse.gov/sites/default/files/microsites/ceq/draft_revised_federal_greenhouse_gas_accounting_and_reporting_guidance_031212.pdf)

- The FTC “Green Guide” guidance update on environmental marketing claims is expected in June 2012;
- The fossil fuel reduction and solar water heating rules are still in process; and
- The report on the WRI Work Groups and RECs and GHG accounting is expected later this year.

Upcoming events:

- GovEnergy August 19-22, 2012, in St. Louis, Missouri, and RE workshop scheduled for Sunday, August 19, 2012.

**List of Attendees**

Ackerman, Allison; VA  
 Avary, Bobby; The Travers/Avary Group, LLC  
 Bassler, John; Washington Gas  
 Bethge, Carsten; Consultant  
 Buemi, Dave; Suniva  
 Butler, Heath; CH2M Hill  
 Carroll, John; Petrasolar  
 Crawley, Anne; DOE  
 DeGroat, Kevin; ANTARES Group Inc.  
 Downing, Damon; Washington Gas  
 Dutta Roy, PE, Pranab; PDR Associates  
 Eiffert, Patrina; Solar Frameworks  
 Ennis, Kevin; LMI  
 Fillman, Richard; HQ AFCESA/CENR – Air Force  
 Fischer, Holger; NASA  
 Frantzis, Lisa; Navigant  
 Guthrie, David; FWS  
 Gowda, Mamatha; ANTARES Group Inc.  
 Hardison, Rob; LMI  
 Heying, Mary; Interior  
 King, Paul J.; GSA  
 Krstulovich, Steve; FermiLab  
 Kumar, Manish  
 Lattanzio, John; Booz Allen  
 Lowell, Mike; GSA  
 Manion, Randy; WAPA  
 Motamedi, Soudeh; IBM  
 Orio, Carl; Water Energy Distributors, Inc.  
 Peacock, Ronald; OPM  
 Ralph, Cindy; DLA  
 Robinson, Gerald; LBNL  
 Ruffel, Eric; CH2M Hill  
 Schmidt, Anneliese; ANTARES Group Inc.  
 Sengezener, Tansu; PEPSCO  
 Shah, Chandra; NREL  
 Stone, Jaika; AFCESA/CENE – Air Force  
 Tayler, William; Navy

Thalasinios, Wayne; NASA  
TRUONG, MING; Navy  
Walker, Andy: NREL  
Welch, Robert; AMERESCO  
Wolbert, Paul; Smithsonian  
Zimmerman, David; TVA