Agenda
Market Deployment of Cool-Colored Roofing Materials
Fourth Project Advisory Committee Meeting
Thursday, March 6, 2008
9:00 am to 12:00 pm EST (6-9 am PST)
Oak Ridge National Laboratory (ORNL), Oak Ridge, TN

Teleconference: 866-692-3158 (passcode 142875)

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I. Introduction (9:00-9:10)
   A. Introduction (CEC Project Manager: Chris Scruton)
   B. Opening remarks and the objectives of the PAC meetings (CEC Project Manager: Chris Scruton)
   C. Introduction of the ORNL and LBNL project staff
   D. Project objectives and organization

II. Review of project tasks (9:10-11:20)
   A. Task 1. Provide Technical Assistance to California Utilities and Public Interest Organizations in Developing Incentive Programs for Residential Cool Roofs (9:10-9:15), (discussions – Q&A 9:15-9:30)
   B. Task 2. Assist Manufacturers of Cool-Colored Materials to Deploy Their Products (about 5 minutes each for presentation, and 5 minutes for discussion)
      1. Enhance the solar reflectance of non-white roofing materials (9:30-9:40)
      2. Develop tools to measure solar reflectance for factory quality control (9:40-9:50)
      3. Correlate the solar reflectance of a shingle to that of its constituent granules (9:50-10:00)
      4. Develop a validated and unified energy-savings calculator (10:00-10:10)
      5. Conduct natural exposure testing in California (10:10-10:20)
      6. Field exposure testing at ORNL (10:20-10:30)
   C. Task 3. Measure the Energy Savings Yielded by Cool-Colored Roofing Materials, And Use This Data to Validate an Energy Savings Calculator (10:30-10:45) (discussions – Q&A – 10:45-11:00)
   D. Task 4. Educate Consumers, Contractors, Engineers and Architects by Publicizing the Results of the Research (11:00-11:30)
      1. ISP Solar Shield - Colored roofing granules of high solar reflectance for "Cool" shingles manufacture (Ingo Joedicke, ISP Mineral)
      2. New fluoropolymer latex technology for cool materials solutions across an expanded color space (Kurt Wood, Arkema Inc.)

III. Discussion of key issues, and comments from PAC members (11:30-11:50)

IV. Concluding comments (11:50-12:00)

V. This is the fourth and last scheduled PAC meeting for the phase 2 project

VI. Adjourn (12:00)