

*Agenda*

## Market Deployment of Cool-Colored Roofing Materials

### Third Project Advisory Committee Meeting

Thursday, September 13, 2007

9:00 am to 12:00 pm PDT

Ayres Inn Corona East: 2260 Griffin Way, Corona, CA 92879

**Teleconference: 866/692-3158 (passcode 142875)**

LBNL administrative contact: Maya Minamihara (tel. 510/486-6845; MMinamihara@LBL.gov)

MCA Tile administrative contact: Lyla Lawry (tel. 800/736-6221; LLawry@MCA-TILE.com)

#### **I. Introduction (9:00-9:20)**

- 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 (9:20-11:20)**

- A. Task 1. Provide Technical Assistance to California Utilities and Public Interest Organizations in Developing Incentive Programs for Residential Cool Roofs
- B. Task 2. Assist Manufacturers of Cool-Colored Materials to Deploy Their Products
  - 1. Enhance the solar reflectance of non-white roofing materials
  - 2. Develop tools to measure solar reflectance for factory quality control
  - 3. Correlate the solar reflectance of a shingle to that of its constituent granules
  - 4. Develop a validated and unified energy-savings calculator
  - 5. Conduct natural exposure testing in California
  - 6. Field exposure testing at ORNL
- C. Task 3. Measure the Energy Savings Yielded by Cool-Colored Roofing Materials, And Use This Data to Validate an Energy Savings Calculator
- D. Task 4. Educate Consumers, Contractors, Engineers and Architects by Publicizing the Results of the Research
  - i. Cool colored shingles: Experience of GAF/Elk (Lou Hahn)
  - ii. Ventilation performance of roof tiles: Jerry Vandewater, MonierLifetile

#### **III. Discussion of key issues, and comments from PAC members (11:20-11:50)**

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

**V. This is the third PAC meeting for the phase 2 project; next PAC meeting will be held on Thursday March 5, 2008 (Location TBD)**

#### **VI. Adjourn (12:00)**