

Inclusion of Cool Roofs In Nonresidential Title 24 Prescriptive Requirements

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Scope

- ☞ Cool roofs for sloped-roof non-residential buildings
 - New study
 - Small buildings
- ☞ Cool roofs for low-sloped-roof non-residential buildings
 - Modification to 2005 Title 24
 - Prescribe aged solar reflectance



Methodology

- ☞ Review measure availability and cost
 - technologies, market share
 - manufacturers, distribution
 - availability, cost
 - useful life
- ☞ Perform building cost/benefit analysis
 - evaluate measured energy savings
 - use DOE-2.1E to simulate cooling and heating energy use
 - net savings = cooling savings - heating penalty
- ☞ Project state-wide savings
- ☞ Field measurements of about 100 samples

