Background

- Launched in February 1999
- Currently 187 Manufacturing Partners
- Approximately 1,200 individual products
- Qualifying products must meet solar reflectance criteria without compromising quality
- Products are self-certified by Partners
Current Specifications

Low-slope roofs:
- Products must exhibit an initial solar reflectance value of 0.65 or greater
- Products must exhibit a solar reflectance value of 0.50 or greater after 3 years

Steep-slope roofs:
- Products must exhibit an solar reflectance value of 0.25 or greater
- Products must exhibit a solar reflectance value of 0.15 or greater after 3 years
Currently Revising Specification - Proposed Changes

• Include thermal emittance component of .75
  – not truly a “cool roof” without this
  – consistent with other initiatives
  – new test procedures required

• Incorporate CRRC test method

• Do not allow cleaning of roof samples before testing
  – not happening in reality
  – required of all new products while older ones will be listed as cleaned or not cleaned

• May also propose increase in reflectance to .70

• No testing using accelerated aging techniques
  – proposed by some stakeholders
  – insufficient data to warrant a change and most feedback has been negative
Currently Revising Specification - Expected Timeframe

- Draft 1 of revised specification released December 15, 2005.
- Comment period lasted until January 19, 2006.
- EPA will review comments and hold discussions with stakeholders.
- Will be second opportunity for comments on a newer draft.
- Proposed effective date of October 31, 2006.
- Only products meeting the new requirements as of this date can remain Energy Star qualified - others will be removed from list and manufacturer notified.
URL Addresses

• [http://www.energystar.gov](http://www.energystar.gov)
• OR