ENERGY STAR Lighting Roadmapping
Industry Overview

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Driving Forces

Industry wants to make products that people want to buy

- Initial purchase
- Follow up purchase

Product to sell

- Advertising, marketing, contracts, etc.
- Incentive programs; MFR-run, Local, State and Federal

So, what are MFRs going to be making in 5-10 years?

- It’s a rhetorical question: The answer is, “Whatever people want to and are willing to buy”
- What they want, why they want it and whether they find it affordable (will actually buy it when available) are what matter
- Today’s discussion can help inform that, for all parties involved, specific to our ENERGY STAR lighting programs
Landscape and Outlook

istas CFL rebates are still active and they are selling
- Arguably decreasing, but slowly, and not consistently by region (i.e. locally managed)
- Concerns re Hg, alternative lamps wanted

istas LED lamps are gaining market share
- LED incentives and “ooh, shiny” interest are both increasing
- Good news to QA: many useful standards are already in place, carried over from other self-ballasted products

Other technologies?
- Some envisioned, but nothing mainstream, yet
Suggestions to Improve Program

- Keep energy-efficiency focus
- Weigh non-energy criteria against their cost requirements, time requirements, and their influences on consumer acceptance
- Can verification testing be streamlined?
  - We think so
  - After EE, focus on bellwethers which indicate good performance and/or acceptance
  - Focus on reduced time and expense to complete test
  - Lessons learned from other programs?
    - Ex. DOE LED Lighting Facts is implementing plan which decreases verif testing frequency of line of products following successful tests of early selections
Moving Forward, Lamps Spec

❖ Focus on easy improvements
  - Add technologies desired by the market for which some or all needed standards exist. Ex. additional ANSI bases and shapes, Standby Power (i.e. additional perf features).
  - Color requirements

❖ Dimming
  - V1 wait and see. Need to evaluate the requirements and see what works and doesn’t
  - Need more time for additional standards to finish development
  - NEMA Premium Lighting Systems Components Program

❖ Consider/discuss potential reductions in requirements, due to overlap, cost/time impacts, market interest
Moving Forward, Luminaires Spec

🛡️ Review Success of Spec and Implementation
  - Note areas which might be improved on
  - Are any areas underserved by the Spec, overemphasized?
  - Survey results were interesting

🛡️ Identify competing/complementary programs
  - Participation duplication is expensive, as is accommodating multiple programs requirements in a single product
  - Focus on ways to coordinate, it’s not a battle

🛡️ Consider/discuss potential reductions in requirements, due to overlap with other programs, cost/time impacts, market interest
Thank-You!

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