



## CALL REPORT

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**1300 NORTH 17<sup>TH</sup> STREET, SUITE 1752, ROSSLYN, VA 22209**

**FROM: ALEX BOESENBERG**

**DATE: JUNE 26, 2014**

**CONFERENCE CALL: ENERGY STAR LIGHTING ROADMAPPING PRODUCT AND TECHNOLOGY TRENDS DISCUSSIONS**

The following persons met via telephone conference call from 1:30 to 2:10 pm Eastern:

- Jim Creevy, NEMA Staff
- Taylor Jantz-Sell, EPA staff
- Austin Gelder, ICF
- Joel Jacobson, Feit Electric
- Samantha Bresler, NEEP
- Howard Wolfman, Lumispec Consulting
- Jenn Dolin, OSRAM Sylvania
- Matthew Walker, Navigant
- Tanya Hernandez, Acuity Brand Lighting
- Jennifer Francis, Bonneville Power Administration
- Yiting Zhu, affiliation not recorded
- Jean-Paul Freyssinier, LRC
- Shivani Vyas, UL
- David Lis, NEEP
- Kari Montrichard, BC Hydro
- Anthony Serres, Lucidity Lights
- Rene Burger, Philips

NEMA staff welcomed participants and reminded them to conduct the call in accordance with NEMA guidelines.

NEMA staff made some administrative announcements regarding the future communications of the working group and the group's timeline.

The purpose of the call was to begin discussions about emerging products or technologies for lighting and how the ENERGY STAR Program might address/incorporate them.

A presentation to guide Power Point presentation was circulated in advance and reviewed during the webinar.

Regarding Controllable products - lamps and luminaires; Ms. Jantz-Sell asked the group to consider what features were evident, whether off state power draw was a

consideration, what types of control options there are (phone, etc.). There were no specific responses from the group.

Mr. Creevy led discussion of networking technology for lighting. There exist many platforms, languages, compatibility issues. It was noted that naming Zigbee or any other platform specifically is probably not in the best interests of the program. It was asked that even though ES likely not to get specific on the technology how does the tech affect the parameters ES cares about? Energy use in off state was a primary concern.

Mr. Boesenberg was tasked to share with the group the NEMA proposal to EPA on connected lamps for the ES Lamps Spec V1.1 (or V2).

It was noted that NEMA is promoting 1W for standby power, but that some other entities favor 0.5W. The group should discuss the needs/benefits of standby power and assess the trade-offs associated with low minimums.

Ms. Jantz-Sell noted that DOE has a supplemental proposed test procedures rulemaking for lamps in the off state and color tunability.

The group was asked to comment on the observation that SSL will likely be connected technology in the future, but what about other tech?

A participant commented: Don't see why you couldn't put connected tech into a CFL, though SSL is just getting the attention. If there are differences in aspects across the light sources other than the connected technology itself, ES would like to know.

Another commented: Market forces today: doubts that companies are investing in CFL and incandescent. Luminaire as a total system is probably the way to go since SSL is typically embedded along with the luminaire.

Participants were asked to comment on other tech seen at Light Fair, or that consumers are getting excited about. It was observed that more companies are competing on the same products now, which makes sense since many are trying to offer complete packages to the lighting industry.

A participant asked why linear tube LED replacements can't be looked at by Energy Star. The response was that they are not self-ballasted so they would fall into the resi light fixture program. It was asked of the group if this is something they should explore since there has been tech change / transition. It was noted that NEMA members would need to discuss it and arrive at a consensus position before being able to discuss it in this working group feasibly.

Members of efficiency programs were asked to comment if there were any technology or trends they had been following, there were none mentioned.

In closing Ms. Jantz-Sell noted that connectivity is something ES is already working on, and there will soon be a spec that will go through a stakeholder process.

Additional discussions by the working group will continue via email and a follow-on meeting will be scheduled for later in the year to revisit the discussions and solicit additional suggestions for other technology / products to review.

There being no further business, the meeting was adjourned at 2:10pm

Reviewed by Counsel  
**CRS 7/11/14**

Alex Boesenberg  
Regulatory Affairs Manager  
July 11, 2014