Meeting Minutes

DLC Industry Advisory Committee Meeting
Q3 2019

September 27th, 12:00pm-2:00pm

Meeting Objective: Review refined topics, requirements, and timeline for SSL 5.0 and other topics under consideration; discuss ongoing NLC research, cybersecurity working group plans, and new online QPL.

1. **Introduction and Agenda Review**
   - Two new DLC staff members: Dorene Maniccia, Director of Strategic Market Development, and Leora Radetsky, Senior Lighting Scientist.

2. **SSL V5.0 Development Schedule**
   - Reviewed focus areas and rationale for V.50
     - Focus areas: efficacy, quality of light, controllability
     - Increase efficacy with pace of technology without sacrificing quality of light
     - New requirements around dimming, integral controls, and controls compatibility
   - The DLC responded to over 1000 comments from 46 organizations, Technical Committee input, and Stakeholder Meeting discussions to develop Draft 2
   - Efforts in Draft 2 to simplify the requirements
   - Draft 2 contains implementation and testing details for industry and includes Premium and Allowances information
   - Steps were taken in Draft 2 to reduce the testing burden for manufacturers
   - The timeline was reviewed for Technical Requirements V5.0

3. **NLC Research Planned**
   - Cybersecurity Working Group
     i. Reviewed phased approach to incorporating cybersecurity requirements into NLC Technical Requirements.
     ii. Goals of working group
        1. Confirm or update the DLC's current cybersecurity plan
        2. Address exception for room-based systems
        3. Understand industry developments that should be considered (IoT)
        4. Confirm/update list of acceptable cybersecurity standards for listing with the DLC
     iii. Regular stakeholder input process for NLC V5.0 requirements will still apply
   - Energy Savings Research

i. 47% average savings from NLCs indicated from the DLC's first savings research study in 2017.
ii. Customer authorization posed a challenge for collecting data
iii. The DLC and NEEA's second study will collect a larger, more diverse data set to answer unanswered questions from Phase 1
iv. The DLC is looking for suggestions for sources to contact, particularly building reps or facility managers with lighting data programs

- Interoperability Research
    i. Goal: create a multi-year plan to incorporate interoperability requirements into the NLC QPL
    ii. Survey in October will prioritize use cases where the DLC can make a difference
    iii. Objective: support widespread adoption by addressing highest priority user concerns. Support widespread adoption of standards as they emerge.
- Alliance to Save Energy/DLC Commercial and Industrial Lighting Lifetime and Peak Demand Savings Analysis
    i. Goal: To better understand lifetime and peak demand savings in commercial lighting space
    ii. Reviewed key findings. The DLC plans to message this research broadly.
        1. Programs are overly conservative with assumptions around savings, especially for controls
        2. Focusing on annual savings grossly underrepresents potential of lighting and controls savings
        3. Potential peak demand savings from indoor LED and NLCs is significant, since coincidence with summer peak is higher

4. **NLC QPL Update**
   - Review of upcoming online NLC QPL
       o Key updates: filters to select products with certain features
       o Tile view shows all details of each system
       o Online QPL will be available this fall