LIGHTING ENERGY ALLIANCE

Introduction

The Lighting Energy Alliance (LEA) at Rensselaer's Lighting Research Center (LRC) is a collaboration of members whose common goal is to conduct research to increase the benefits of lighting while reducing its environmental and monetary costs. Now that much of the early conservation measures have been implemented, LEA will work to identify effective new ways to save energy, quantify the savings, and support its members in implementation. LEA invites utilities, efficiency agencies, and ESCOs to join its efforts.

Member Benefits

- Shaping LEA's agenda
- Leveraging of sponsorship with funding from other LEA members and with other research at the LRC
- Meetings to inform members of LEA research activities, including early results, and other findings from the LRC
- Research can be launched immediately and conducted in-house for timely results
- Option to perform other research activities as needed via membership fees

Program of Work

LEA's activities are developed in cooperation with members. LEA can conduct many types of work including product testing, professional outreach and guidance, field demonstrations, online tools or applications, product development, lighting patterns, and other research and development.

Topics of current interest to the alliance include:

- Commercial LED troffers and linear luminaires
- Luminaire-integrated controls
- Outdoor lighting controls
- Integrated self-learning lighting control
- Pin-base LED lamps
- Daylighting performance verification
- Value metrics
- Low-income residential lighting
- Train-the-trainer sessions

Membership Cost

The membership cost for the LEA is:

- $30,000 per year
- $20,000 per year for LRC Partners
- A three-year commitment provides an additional $5,000 discount per year.

Funds are pooled to conduct research and operations.

Members

Efficiency Vermont

energize CONNECTICUT CT℠

nationalgrid

April 2014

Lighting Research Center

21 Union Street • Troy, NY 12180
Contact: Jeremy Snyder • 518-687-7134 • snydej7@rpi.edu