Encouraging OLED Lighting Development in New York State

The Lighting Research Center is expanding its research, education, and industry activities to include organic light-emitting diodes, otherwise known as OLEDs. With rapid advances in OLED technology and the appearance of high-performance products in the marketplace, OLED lighting is ready to influence lighting applications. OLEDs offer energy efficiency and opportunities for innovative design because of their thin, flexible nature.

OLED lighting represents a great opportunity for early product development and business growth, but manufacturers often do not have the resources to dive into the complexities of this emerging technology. To meet this need, the LRC, with funding from NYSERDA, is establishing an OLED program to facilitate lighting innovation in New York State.

R&D Services

In this 2-year project, LRC experts will work with New York-based companies to investigate energy-efficient OLED lighting products for promising applications. The LRC will offer targeted services, including technical design guidance, prototype evaluation, testing and measurement, commercialization assistance, and professional education. Companies will learn about the needs of OLED lighting applications, including technology basics, system integration issues, performance measurement, human factors, and applications research. Manufacturers and stakeholders based outside New York State can partner with a New York-based company to participate.

OLED-LEAP

In addition, the LRC is establishing the OLED Lighting Education and Application Program (OLED-LEAP) to conduct collaborative research that will help OLEDs overcome technical hurdles and achieve market success. OLED-LEAP's sponsorship base will consist of major OLED component, lighting, and controls manufacturers, large-scale purchasers of lighting systems, government agencies, and public benefit administration organizations. These entities will sponsor OLED-LEAP because they are committed to seeing a unique lighting technology such as OLEDs gain a strong foothold as an energy-efficient alternative.

Working with the LRC, liaisons from OLED-LEAP sponsor companies will help identify activities and allocate funds for the program. At the annual meeting, project priorities for the following year will be determined. The LRC team subsequently will prepare a work plan and budget for each of the projects designated by the OLED-LEAP members. At the following meetings, progress reports will be given by LRC staff on the projects and activities selected.

For More Information

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Sponsor

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