



focus on energysm

The power is within you.

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Business Programs Lighting Project Manager

Focus on Energy Program structure

- Public–private partnership
- Created by Wisconsin State Legislature
- Overseen by the Public Service Commission of Wisconsin
- Funded by the Utility Public Benefits fund created by the Wisconsin State Legislature in 1999 as part of the Reliability 2000 initiative
- Residential, Business and Renewable Energy Programs
- Serves over 1,000,000 customers of 89 utilities throughout Wisconsin

Where we stand on LED

- Our programs are not ready to jump into the market with relatively immature technologies
- Wide variety of product available, but not all products are market ready
- Focus does not have a formal testing program, review products case by case
- Relying on the work DOE/PNNL is doing to help us determine what products will be worth supporting in the marketplace

Current SSL Program

Prescriptive

- Refrigerated Case lighting
 - \$25/door
 - Over 3000 doors
- Energy Star Downlights
 - \$30/unit
 - Approx. 300 to date
 - Many more inquiries because of ENERGY STAR list

Custom

- Parking Garage
- Petroleum Canopy
- Cove
- Sign Lighting
- Replacement lamps
- All Others
- Incentive based on savings

What we are asking for



- Meet DOE SSL Energy Star criteria
- Provide documentation of performance
 - Independent lab testing in accordance with LM-79
 - Photometrics & Color Metrics
- Rated life
 - Explanation of how they are using LM80 test info to determine L70
 - Warranty and track record of successful installations
 - Evidence of adequate thermal management

Progress to date

Challenges

- Tough to get performance photometric and color metric test data
- Difficult to gauge accuracy of life rating
- Labor intensive to qualify
- Overly enthusiastic vendors and customers
- Replacement lamps

Working Well

- CEE Committees
 - Information sharing
 - Clearinghouse
- DOE CALiPER
 - Testing information
 - Benchmarking reports
- Energy Star
 - Listed SSL fixtures
 - Draft Criteria

Contact info

Business Programs

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Residential Programs

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