

# Today's Webinar

## High Bay Lighting Upgrade Opportunities

Discover the latest in lighting upgrade technology applications for both high bay and low bay lighting

Presented in Partnership with CREE, Inc.



# Thanks to Our Sponsors



# Webinar Questions & Instructions

- Technical Difficulties: 866-229-3239 plus webinar # 732-998-503
- Resource Slides and Recording: e-mail Link
- **Ask Questions**: Use the Q&A Panel to ask questions to be answered at the end.
- Poll Questions:



# Featured Presenter: Bob Henderson, LC, CLEP



- \* Worked in lighting over 25 years as a consultant, lighting center principal instructor, lighting sales agent and utility lighting specialist.
- \* Earned three IES Edwin F. Guth Awards of Merit for interior lighting design and one IES Waterbury Award for the relighting of the North Carolina State Capitol
- \* Bob currently holds the LC (Lighting Certified) and CLEP (Certified Lighting Efficiency Professional) lighting credentials and served on and chaired the NCQLP test preparation committee.
- \* Lead the introduction of LED street and area lighting at Progress Energy.
- \* Currently Manager, Lighting Education at CREE, Inc. and the Lead Instructor at Cree's Lighting Experience Center in Durham, NC.



# Financial Incentives in North Carolina



# Duke Energy: Smart \$aver Incentives Program

- Duke Energy Prescriptive Incentive:
- High Bay incentives
- Replacing 251-400 Watt HID fixtures: \$170.00 Per fixture
- Replacing greater than 400 Watt HID: \$225.00 Per fixture
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- Example: if you have twenty 213 w LEDs replacing 440 watt MH  
8760 hours/year, \$.085/kWh, annual savings = \$3,380
- Cost = \$10,000 - \$4,500 incentive = \$5500 net =1.6 year payback



# Duke Energy Progress: Energy Efficiency for Business

- Duke Energy Progress Incentive for High Bay Lighting:
- \$0.35/watt reduction
- For a 213 w LED replacing 440w HID = \$79/fixture incentive
- For same example above, 2.5 year payback



# Financial Incentives in North Carolina

- Duke Energy assistance: 866-380-9580  
Lighting incentives page <http://www.duke-energy.com/north-carolina-business/smart-saver/customer/lighting-incentives.asp>
- Duke Energy Progress assistance: 866-326-6059  
<https://www.progress-energy.com/carolinas/business/save-energy-money/energy-efficiency-for-business.page?>
- Duke Small Business Energy Saver Program (Lime Energy):  
855-776-4723 or [www.duke-energy.com/sbes](http://www.duke-energy.com/sbes)
- Other Financial Incentives by State: DSIRE [www.dsireusa.org](http://www.dsireusa.org)





# Q & A

## Bob Henderson



# Thanks for Attending

For Energy Efficiency Assistance in North Carolina

Contact: [www.WasteReductionPartners.org](http://www.WasteReductionPartners.org)

State Energy Efficiency Outreach

Utility Savings Initiative

[www.energync.net](http://www.energync.net)

