

10/31/2011  
PASSED BY UNANIMOUS VOICE VOTE

UNIVERSITY OF WISCONSIN-EAU CLAIRE

STUDENT SENATE

CLASSIFICATION ALLOCATION FOR EXTERIOR LED LIGHTING UPGRADE

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NUMBER 55-B-15 DATE October 31, 2011

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INTRODUCED BY BENJAMIN PONKRATZ, DIRECTOR, STUDENT OFFICE OF  
SUSTAINABILITY

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1 WHEREAS, the University of Wisconsin-Eau Claire is committed to  
2 becoming more environmentally sustainable and becoming carbon neutral; and

3 WHEREAS, Facilities Management and Planning is committed to the  
4 achieving carbon neutrality; and

5 WHEREAS, the Wisconsin Department of Administration (DOA) offers  
6 performance contracts in order to reduce energy consumption and save money;  
7 and

8 WHEREAS, the University of Wisconsin-Eau Claire is receiving \$3.6 million  
9 for performance contracting; and

10 WHEREAS, the Student Office of Sustainability is committed to addressing  
11 sustainability in as cost effective fashion as possible; and

12 WHEREAS, one of the most cost effective methods of making a campus

13 more sustainable is through energy conservation; and

14 WHEREAS, improving energy efficiency is currently a more cost effective  
15 method of becoming more sustainable than generating renewable energy; and

16

17 WHEREAS, retrofitting all existing 84 parking lot lights and overhead  
18 walkway lights on campus to LED bulbs will save an estimated 246,425 KWH per  
19 year; and

20 WHEREAS, this energy savings is equivalent to reducing 170 metric tons of  
21 CO<sub>2</sub>, or annual greenhouse gas emissions from 33 passenger vehicles, or CO<sub>2</sub>  
22 emissions from the electricity use of 21 homes for one year, or CO<sub>2</sub> emissions  
23 from burning .925 railcar's worth of coal; and

24 WHEREAS, this retrofit would create an annual savings of approximately  
25 \$17,000 in energy savings; and

26 WHEREAS, the DOA has established a simple payback period for this  
27 project 34.5 years; and

28 WHEREAS, this financial calculation does not take into account for a  
29 variety of factors that will reduce this payback period; and

30 WHEREAS, this retrofit includes upgrading the light fixture style to be  
31 compliant with the Campus Master Plan; and

32 WHEREAS, this allocation does not pay for the style upgrade; and

33 WHEREAS, installation of these fixtures will be completed during the  
34 spring of 2012; and

35 WHEREAS, signage will be attached to the light poles in order to draw  
36 attention to the University's commitment to achieving carbon neutrality by

37 reducing electricity consumption; and

38 WHEREAS, success of this project will be assessed by comparing utility  
39 bill information from year to year;

40 BE IT THEREFORE RESOLVED that the Student Senate approve the  
41 allocation of \$105,000 from the Student Office of Sustainability's Environmental  
42 Responsibility Account for the exterior LED Lighting Upgrade; and

43 BE IT FURTHER RESOLVED that this allocation is outlined in more detail in  
44 Attachment "A;" and

45 BE IT FINALLY RESOLVED that upon passage, President Rynish transmit a  
46 copy of this bill to Dr. Brian Levin-Stankevich, Chancellor; Dr. Patricia Kleine,  
47 Provost/Vice Chancellor; Dr. Beth Hellwig, Vice Chancellor, Student Affairs; Dr.  
48 Brian Carlisle, Dean of Students; Dave Gessner, Assistant Chancellor, Budget &  
49 Finance; Mark Reeves, Director, Budget & Finance; Dr. Susan Harrison, Chair,  
50 University Senate; Michael Traynor, Building & Grounds, Facilities Management;  
51 Terry Classen, Director, Facilities Management; Lynn Peterson, Buildings &  
52 Grounds, Facilities Management; Dave Osborn, Manager, DOA Sustainability  
53 Program; and Dr. James Boulter, Associate Professor, Chemistry Department..