

**UNIVERSITY OF WISCONSIN-EAU CLAIRE
STUDENT SENATE**

BILL: SUTHERLAND HALL LED LIGHTING RETROFIT

NUMBER 63-B-13 DATE: February 24, 2020

INTRODUCED BY: Lauren Becker, Student Office of Sustainability Director

1 WHEREAS, UW-Eau Claire is committed to the values of “Diversity and inclusiveness;
2 leadership; innovation and continuous improvement; stewardship and sustainability.”; and

3 WHEREAS, The University of Wisconsin-Eau Claire Student Office of Sustainability is
4 tasked with serving the students of the University of Wisconsin – Eau Claire through the
5 allocation of The Green Fund, towards sustainable initiatives that directly benefit students, in
6 accordance with 820 policy; and

7 WHEREAS, the United Nations defines sustainable development as “[...] meeting the
8 needs of the present without compromising the ability of future generations to meet their own
9 needs.”; and

10 WHEREAS, the World Health Organization states “[Climate Change] threatens the
11 essential ingredients of good health - clean air, safe drinking water, nutritious food supply, and
12 safe shelter - and has the potential to undermine decades of progress in global health. [...] Between 2030 and 2050, climate change is expected to cause approximately 250 000 additional
13 deaths per year, from malnutrition, malaria, diarrhea and heat stress alone. The direct damage
14 costs to health is estimated to be between USD 2-4 billion per year by 2030”; and
15

16 WHEREAS, the Intergovernmental Panel on Climate Change Summary for Policymakers
17 reports “limiting climate change to 1.5°C necessitates net zero anthropogenic carbon dioxide
18 emissions by around 2050 (40–60% interquartile range).”; and

19 WHEREAS, the most recent Campus Carbon Footprint Executive Summary states that
20 the total “carbon emissions of the University of Wisconsin - Eau Claire from the year 2017 to
21 2018 were 35,397 metric tons of carbon dioxide equivalent, equal to the carbon sequestering of
22 585,297 trees planted and grown for ten years”; and

23 WHEREAS, in the year 2007, former Chancellor Brian Levin-Stankevich signed the
24 American College & University Presidents’ Climate Commitment, establishing the goal of net
25 zero campus carbon emissions; and

26 WHEREAS, in the year 2018 the UW-Eau Claire Climate Action Plan Advisory
27 Committee, comprised of representatives from Housing + Residence Life, Facilities, Centers,
28 various academic departments, the Student Office of Sustainability, and Student Senate, by
29 Chancellor James Schmidt, created the UW-Eau Claire Climate Action Plan; and

30 WHEREAS, in the year 2018, the Climate Action Plan was passed through the Student
31 Senate, Staff Council, and University Senate and signed on behalf of UW-Eau Claire by
32 Chancellor James Schmidt; and

33 WHEREAS, the Climate Action Plan sets a goal of net carbon neutrality for the
34 University of Wisconsin - Eau Claire by the year 2050, a goal that mirrors carbon neutrality
35 goals established by the State of Wisconsin, Eau Claire County, and City of Eau Claire; and

36 WHEREAS, the United States Department of Energy states, “LED is a highly energy
37 efficient lighting technology, and has the potential to fundamentally change the future of lighting
38 in the United States. Residential LEDs -- especially ENERGY STAR rated products -- use at
39 least 75% less energy, and last 25 times longer, than incandescent lighting. Widespread use of
40 LED lighting has the greatest potential impact on energy savings in the United States. By 2027,
41 widespread use of LEDs could save about 348 TWh (compared to no LED use) of electricity:
42 This is the equivalent annual electrical output of 44 large electric power plants (1000 megawatts
43 each), and a total savings of more than \$30 billion at today's electricity prices.”; and

44 WHEREAS, increased energy efficiency within University buildings operationally
45 funded through the use of student dollars directly correlates with reduced cost to students, as
46 seen in Attachment B; and

47 BE IT THEREFORE RESOLVED, the University of Wisconsin – Eau Claire Student
48 Senate approves a Green Fund allocation of \$20,200.00 to the Facilities Capital Fund of UW-Eau
49 Claire, to ensure the completion of the LED lighting retrofit of Oak Ridge Hall within the year
50 2020; and

51 BE IT FINALLY RESOLVED, that upon passage of this resolution, President Johnson
52 will transmit a copy to Dr. James Schmidt, Chancellor; Dr. Patricia Kleine, Provost and Vice
53 Chancellor for Academic Affairs; Kimera Way, President, UW-Eau Claire Foundation,
54 Executive Director of University Advancement; John Haven III, Vice Chancellor, Finance and
55 Administration; Albert Colom, Vice Chancellor, Enrollment Management; Michael Rindo,
56 Assistant Chancellor for Facilities and University Relations; Troy Terhark, Director, Facilities;
57 Renee Strehlau, Campus Facilities Planner, Facilities; Anthony Rongstad, Sustainability
58 Specialist, Associate Director of Facilities; Tracy Drier, Associate Director, Budget and
59 Resource Planning; Quincy Chapman, Director, Housing + Residence Life; Deborah Newman,
60 Associate Director, Housing +Residence Life; Ryan Banaszak, Assistant Director of Operations,
61 Housing + Residence Life; Mike Knuth, Integrated Marketing and Communications; Jamie
62 Siseman, President, Residence Hall Association; Tavin Swanberg, Horan Hall Director, Students
63 Encouraging Environmental Deeds Advisor, Housing + Residence Life.