



# UNIVERSITY OF WISCONSIN–LA CROSSE STUDENT ASSOCIATION

235 CARTWRIGHT CENTER 1725 STATE STREET LA CROSSE, WI 54601 (608) 785-8717

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## **SA1516-028: Resolution Approving Fall 2015 Green Fund Request, Recreational Sports Department Solar Light Towers.**

DATE: November 17<sup>th</sup>, 2015

AUTHOR(S): Jeremy Ames

SPONSOR(S): SUFAC

WHEREAS; The Joint Committee on Environmental Sustainability believed this request fulfilled the requirements of the Green Fund.

WHEREAS; SUFAC is responsible for submitting recommendations to Student Senate

WHEREAS; after discussion, SUFAC approved the request at full funding.

WHEREAS; the Student Senate is required to approve all Green Fund Requests and;

THEREFORE BE IT RESOLVED; that the Student Senate approve the Solar Light Towers at \$37,600.

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Molly Davies  
President, Student Senate  
Vice-President, Student Association

12-02-2015  
Date

  
Kaylee Otterbacher  
President, Student Association

12-02-2015  
Date

# - Green Fund -

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University of Wisconsin - La Crosse  
Application for Environmental Sustainability Reserve

FALL 2015

*Application must be received by November 8, 2015*

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Please send completed applications to [greenfund@uwlax.edu](mailto:greenfund@uwlax.edu). You will be sent a confirmation e-mail verifying that the proposal was received.

For more information about the Green Fund or the application process please refer to the following; [Green Fund Bylaws](#), Green Fund [webpage](#) or email us at [greenfund@uwlax.edu](mailto:greenfund@uwlax.edu).



**Include the following with this application:**

- At least 3 price comparisons of the item(s) or project.
  - Budget Sheet
  - Other supporting documentation
- 

**Contact Information**

Name: Sue White

Phone: 785-6529

Email: swhite@uwlax.edu

Unit/Organization/Department: Recreational Eagle Center

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**Please give a brief overview of the proposed items or project(s) you are requesting funding. What would be the approximate cost?**

The Recreational Sports Department would like to request assistance to purchase two (2) ACL 1260 Solar Light Towers. This solar light project would be in collaboration with Facilities Planning and Management, Recreational Sports and the Green Fund.

As you know, green space is becoming less and less on campus. In fact, this past spring, some green space at the Outdoor Sports Complex was converted to a temporary parking lot. In order to take advantage of the premium green space on campus, we are proposing the purchase of 4 solar light towers for the North Campus Rec Fields. These lights will allow for extended programming so students can continue playing during evening hours. The overall plan includes 4 ACL 1260 solar light towers at \$18,800 each: 1 purchased by Facilities Planning, 1 purchased by Rec Sports, and 2 potentially purchased by the green fund for the proposed amount of \$37,600.

**What is the general timeline for the project? (When do you see this being on campus?)**

The solar light towers would be purchased this winter to ensure they are up and ready for use in the spring of 2016.

**Please give a detailed explanation on the environmental impact of proposed project? Will this project reduce UW-Ls Carbon Foot print, water usage or electricity consumption? If indirectly please explain how.**

The ACL 1260 Solar Light Tower will provide “green” lighting to the north campus recreation fields, which are currently unlit. The solar light tower trailers provide durable, reliable, portable light with no emissions and zero acoustical signature. Standard hard-wired lighting at the north campus fields is not practical due to the high cost to install underground wiring, poles, and lights. The area is also in a flood plain, meaning the wiring would most likely fail after repeatedly being under water. The four units power 2500 watts of lighting. For a two hour event, this would use 50 kilowatt-hours (kWh). For every kilowatt-hour of energy consumed, 1.6 pounds of carbon dioxide are released into the atmosphere. So using these units for a two hour event would save 80 pounds of carbon dioxide from being released to the atmosphere. If the lights run from 6:00 pm to 11:00 pm, five nights a week, this would save 1,000 pounds of carbon dioxide from being released to the atmosphere each week. Electrical savings would be \$52.50 per week.

**How will this project increase student understanding of environmental issues or actions?**

Students will witness first hand and appreciate the power of the sun and the energy produced when captured. The solar energy produced by the solar light towers will light the green space giving the students an appreciation of solar energy as they play the sports they love.

**Do you plan to collaborate with other entities? This includes, planning, executing the project through student or community organizations and university departments/offices.**

Yes, we will work closely with the Doug Pearson and Scott Schumacher from the Department of Facilities and Management. They will coordinate the purchase, set up and maintenance of the solar light towers.

**Large and complex projects require UWL staff member(s) to be involved, please list designated personnel who are involved in the proposed project or have been contacted to verify project viability.**

Name(s): Doug Pearson, Scott Schumacher  
Email(s): [dpearson@uwlax.edu](mailto:dpearson@uwlax.edu), [sschumacher@uwlax.edu](mailto:sschumacher@uwlax.edu)

**Are you receiving additional funding from other university or non-university entities?**

YES: X NO:

**If yes, please state the other sources of funding that you are receiving and the amount received.**

If approved,

Facilities Management:	\$18,800
Rec Sports:	\$18,800
Green Fund:	\$37,600

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**Is there any other relevant information that you would like to add?**

The Recreational Sports Department serves all students on campus. In particular, students participating in Intramural Sports and Sport Clubs will benefit directly from the solar light towers at the north campus rec fields. Currently we have 8 sport club teams (men's & women's teams for rugby, soccer, lacrosse and ultimate) needing outdoor practice time. The green space that is now a temporary parking lot at the Sports Complex eliminated a "practice field" for Athletics. This had a domino effect on Rec Sports this fall as the intercollegiate women's soccer team will use the competitive field much more for practice as well as games, increasing the wear and tear of the grass and therefore decreasing the likelihood of club soccer using that space for competitions. Furthermore, the soccer team (and possibly the football team) may also use the turf longer in the day, which reduces evening practice time for club teams. The solar light towers will provide more opportunities for intramural leagues and club teams so students can practice and play later into the evenings. In addition, the lights are portable and could be moved to other locations on campus such as Drake Field, Wittich Field and the Eagle Hall Field for nighttime student events.

Thank you for your consideration on this exciting project.

**Budget:**

\*ACL 1260 Model

2 @ \$18,800 = \$37,600

\*There is only one vendor for this product

# ACL

## Alternative Construction Lighting

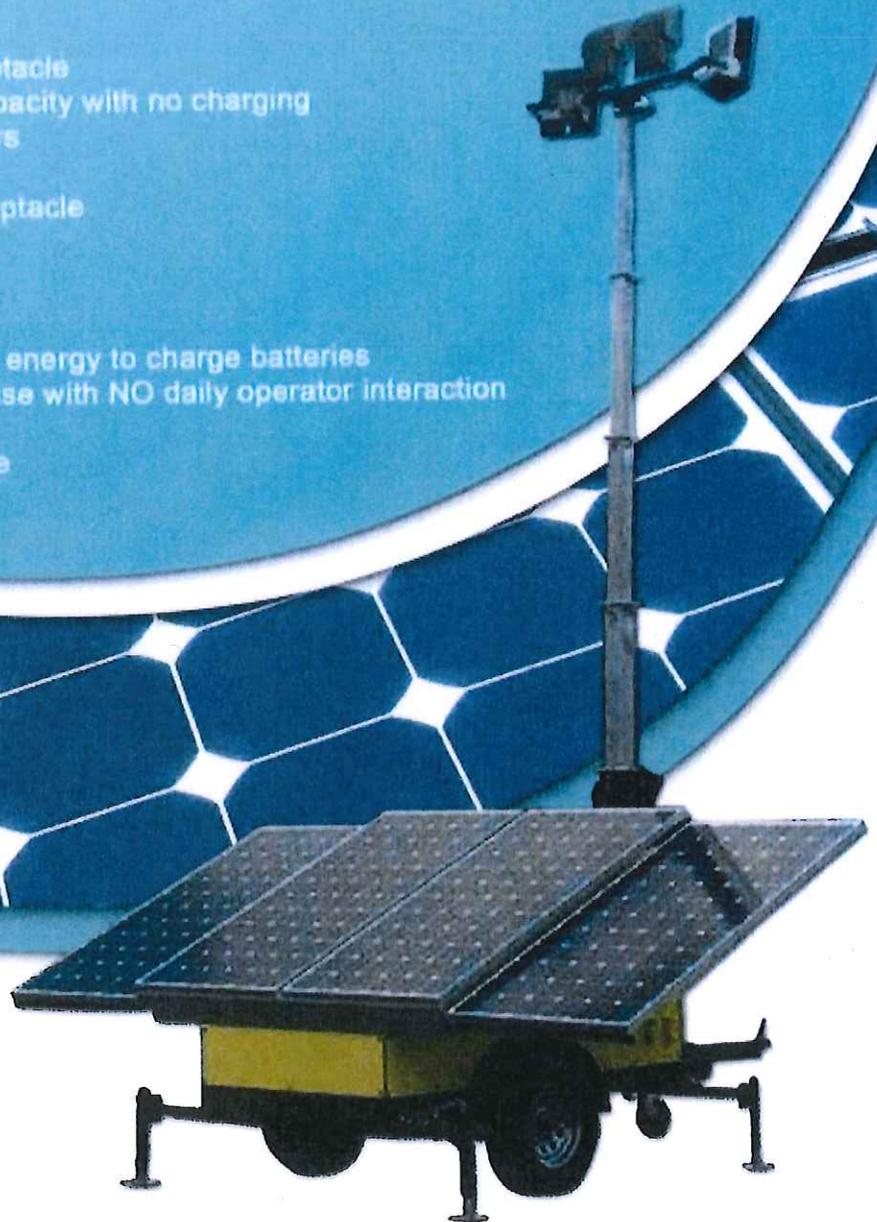
The Alternative Construction Lighting (ACL) 1260 models provide a durable, reliable, portable light and power source suitable for any situation or environment. The towers are outfitted with a timer system and photo sensor that controls light on/off times thus eliminating any operator interaction. Heavy duty construction allows use of this tower in virtually any environment where portable lighting is required.

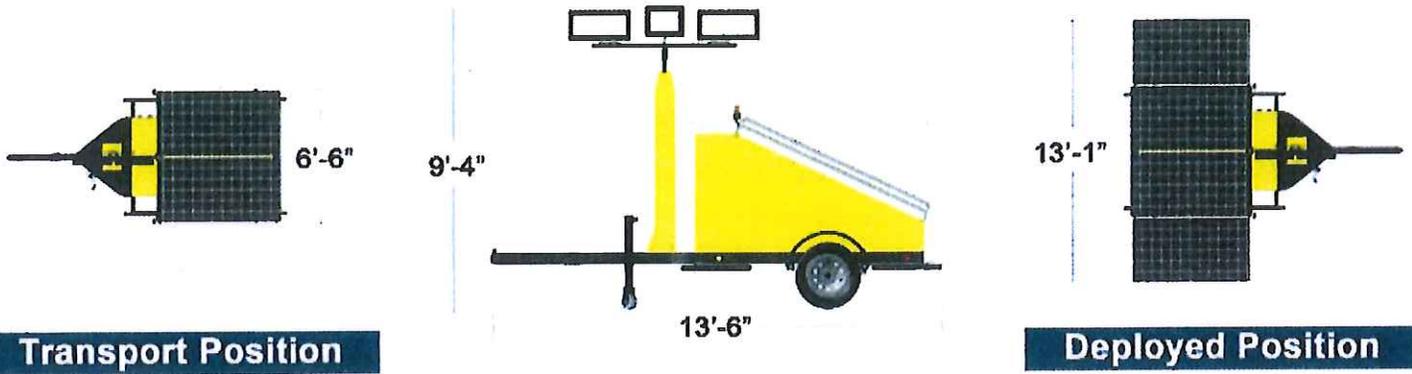
### Key Performance Features

- Rapid set up time
- 2000w - 120 volt auxiliary power receptacle
- 15 - 20 hour continuous-run battery capacity with no charging
- 4 point retractable stabilizers/out-riggers
- NO sound or emissions
- Unit can be charged from 120 volt receptacle
- Removable tongue hitch

### Cost Effective

- Solar charging capacity uses the sun's energy to charge batteries
- Timer & photo sensor functions allow use with NO daily operator interaction
- NO fuel required
- AGM batteries require NO maintenance





## ACL1260 Solar Light Tower

<b>Solar Modules</b>	<b>4 325 Watt</b>
<b>AGM Batteries</b>	<b>6 260 A/Hr</b>
<b>LED Lights</b>	<b>1 100 Watt Tunnel &amp; 2 200 Watt Flood</b>
<b>Inverter/Charger</b>	<b>1 60 AMP AC Charger</b>
<b>Inverter</b>	<b>1 Pure Sine 2000 Watt</b>
<b>Charge Controller</b>	<b>2 60 AMP Charge Controllers</b>
<b>Light Stand</b>	<b>22' Fixed Mast</b>
<b>Trailer</b>	<b>3500 lb Axle, 4" Channel, 2" Ball hitch, 2640 total weight</b>

All electrical components are UL listed.

### 2 Year Workmanship Warranty

Manufacturer's warranty is limited to defective workmanship and failure due to routine use according to manufacturer's operating guidelines. Warranty does not cover failure as a result of abuse, neglect or misuse of this product.



CL la crosse > for sale > farm & garden - by dealer

reply below Posted: 2 months ago

### LED Solar Light Tower/Trailer - \$18800 (Menomonie, WI)



© craigslist - Map data © OpenStreetMap

1415 Indianhead Drive

condition: new

make / manufacturer: ACL

model name / number: 1260

more ads by this user

2015 Models with full factory warranties!

Brand new LED solar light tower/trailer available for order today! These light towers provide a durable, reliable, portable light and power source suitable for any situation or environment. They are fully capable of producing continuous dusk to dawn area lighting. They have zero acoustical signature and NO emissions. The towers are outfitted with a timer system and photo sensor that controls light on/off times thus eliminating any operator interaction. There is also a manual mode so you can turn the light on and off as you wish. There is a backup receptacle so the unit can be charged by any 120 volt receptacle if it were used inside.

There is currently a 30% tax credit available for any order, so buy them while the credit lasts!

These are currently being used from the blazing oil fields of Texas to harsh winters of Alaska and are ready to work for you! If you need light, no matter the location, then ask about these today!

We are the authorized dealer for the state of Wisconsin, so contact us to order one!  
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