

STUDENT ORGANIZATION SUSTAINABILITY INITIATIVE PROPOSAL FORM

Part I- General Information:

Name of Student Organization	Environmental Coalition at Virginia Tech
Contact/Responsible Person	Michael Montoya
Contact Office Held/Title	Secretary/Member
Contact Email Address	mmich17@vt.edu
Contact Telephone Number	5713145679

Part II- Project Cost Information

Estimated Cost of this Proposal See III.C. below

Estimated Savings - See III.D. below

Net Cost of this Proposal =

Part III- Supporting Information

A. Please describe your sustainability initiative and attach supporting documentation.

My sustainability proposal is to replace 84 high-pressure sodium lamp posts with LED ballasts in the areas of the Newman Library and the University Bookstore.

B. How does this initiative help to achieve the goals of the Virginia Tech Climate Action Commitment Resolution and Sustainability Plan?

My proposal supports the Climate Action Commitment point 4: "Virginia tech will work toward these emission targets through energy efficiency, reduction of energy waste, replacement of high-carbon fuels, and other measure identified in the VTCAC." My proposal supports this point because it will save 39,858 Kilowatt hours per year which will reduce Virginia Tech's Carbon Footprint by 53,410 tons of Carbon Dioxide emissions.

C. What is the cost of your proposal? Please describe in adequate detail the basis for your cost estimate.

Number of Existing Fixtures	84
Estimated Cost of Replacement per Fixture including Installation	\$170
Project Cost after Rebate	\$14, 300

D. Will your proposal produce cost savings for the University? If so, how much? Please describe in adequate detail the basis for your savings estimate.

See attached lighting calculator provided by Bod Dellinger, who is the Virginia Tech Electric Services Senior Electrical Engineer, and I calculated the figures.

E. Is this funding request for a One-Time need or an Ongoing need (**please check one**)?

One-time

Ongoing

F. Is funding available for this request from another source? If yes, describe the funding (source, amount, etc.)

N/A

**STUDENT ORGANIZATION SUSTAINABILITY INITIATIVE PROPOSAL FORM
(Continued)**

Part IV- Requestors/Reviewers

Michael Montoya

Prepared By (Name of Contact for Student Organization) Michael Montoya (EC)

Date 11/16/18

Reviewed By (Name of Appropriate University Official) Bob Dellinger, VTES

Date 11/16/18

Reviewed By (Name of Office of Energy and Sustainability Representative)

Date

STUDENT ORGANIZATION SUSTAINABILITY INITIATIVE FUNDING PROPOSAL CONTACT LIST

In the preparation of your Green RFP form, we encourage student organizations to seek input and guidance from the following list of university employees. These individuals are familiar with the form and the process. They can address the feasibility of your proposal, can provide a technical review, and can evaluate the cost & potential savings.

Area of Expertise	Name	Title	Email Address
Energy Management	Ruben Avagyan	Campus Energy Manager	rubena@vt.edu
Facilities: Housing & Residence Life	Todd Pignataro	Associate Director of Facilities	ptodd@vt.edu
Facilities: Buildings & Grounds	Jim McDaniel	Project Coordinator	jmcdani@vt.edu
Water Bottle Refill Stations			
Exterior Lighting	Bob Dellinger	Assoc. Director, Utilities	rdelling@vt.edu
Student Engagement & Campus Life	Eric Margiotta	Association Director	margiotta@vt.edu
Dining Services	Anthony Purcell	Assistant Director	purcella@vt.edu
Alternative Transport (Bike, Bus, Walk, etc.)	Jeri Baker	Director, Parking & Transportation	jab518@vt.edu
Landscape Architect	Bob Massengale	Site Planner	rmassen@vt.edu
Hahn Horticulture Garden	Scott Douglas	Director/Instructor	dsd1@vt.edu
Recycling	Denny Cochrane	Sustainability Program Manager	denniscc@vt.edu
Miscellaneous	Karlee Siepierski	Campus Sustainability Planner	Skarlee3@vt.edu