Renewable Energy Association at UCLA

Information for Partners and Sponsors
Hello,

Thank you for your time and your interest in supporting the Renewable Energy Association at UCLA. At REA, our mission is to cultivate an understanding of renewable energy in the UCLA and wider LA community. This packet explores our various efforts towards that goal, and how your organization can help further them.

REA is a unique group of individuals from diverse academic backgrounds who are passionate about making a difference in society. We attempt to achieve our mission through both education and the implementation of renewable energy technologies. Technical projects like Solar Decathlon and Biofuels Processing positively affect our campus while our members gain hands on experience with these technologies. Further education through lectures from academia as well as industry professionals allow us to not only gain knowledge ourselves but to also spread it in the wider community through outreach projects in nearby schools.

We constantly try to advance the UCLA campus through energy auditing projects, introducing more solar generation capacity, and waste stream analysis. And all this experience, knowledge and passion make our members ready and eager to make a larger impact in industry through joining organizations such as yours. Attempting to facilitate this, we organize recruitment events like the Energy Jobs Fair and several presentations to the club members.

Achieving our ambitious goals requires financial assistance and guidance from organizations such as yours, and we ask that you consider supporting the world’s next generation of energy leaders. With direct access to our member pool and an opportunity to impact our community, we hope our partnership will be mutually beneficial and so invite you to read through the below descriptions of projects and join us in our mission.

Ryan Condensa
Finance Director

Joshua Abraham
President

Adarsh Balaji
External Vice President

uclarenewable@gmail.com
For more information, visit us at http://rea.seas.ucla.edu/
Technical Projects:

2015-18

Bruin Home Solutions

Bruin Home Solutions is devoted to the practical education of students in science, engineering, art, and business. The team has 76 members working to develop sustainable building systems and implement them in retrofit projects throughout the UCLA campus.

Each of the University of California schools is working to reach Carbon Neutrality by the year 2025. A large part of this movement consists in bringing old buildings up to modern “green” standards. Bruin Home Solutions is driving this effort and helping the UCLA community step up as a global leader in sustainability.

Our organization is led by undergraduates and is backed by a dream-team of over 50 UCLA professors, alumni, graduate students, and special advisors. Together, we are working to create impact on the UCLA campus and are seeking partners to join us in this mission.

Team website: http://www.bruinhomesolutions.com/

Bioprocessing Team

Home to the largest population of students and faculty in the UC system, UCLA hopes to become a zero-waste campus by 2020. REA’s bioprocessing team contributes to this initiative by educating students and providing hands-on experience through impactful projects. Our Biodiesel Team is acquiring lab space and is optimizing the chemical conversion of waste oils to biodiesel for use on campus. In collaboration with UCLA Facilities, the Waste Processing Team is analyzing campus waste as a potential feedstock for an on-site aerobic biodigestion system. Both projects have the goal of exposing students to detailed analysis while connecting them to meaningful, real-world initiatives.
Solar Team

The Solar Team is devoted to expanding the area of solar coverage at UCLA. This began with installing panels on the rooftop of Ackerman Union, one of UCLA’s prominent buildings, which was made possible by a grant from The Green Initiative Fund (TGIF) for $220,000. To raise awareness of our efforts and to make alternative uses of solar energy more visible, the project invested in solar-powered picnic table umbrellas outside Kerckhoff coffeehouse and Bruin Café as well as volunteered with GRID Alternative to install solar panels in residential areas. Prospective projects for the upcoming year include expanding solar energy usage in Westwood and UCLA’s recreational facilities.

Learn and Teach

REA’s Learn and Teach program aims to bring about a better understanding and appreciation for renewable energy within the UCLA campus and the greater LA community. By participating in the Exploring Your Universe fair hosted at UCLA, our team engages with thousands of students grade K-12 looking to pursue a career in the sciences. We have also developed a weekly curriculum to introduce young students to the concepts of renewable energy which we have presented to diverse audiences, including the UCLA Lab School, WorldSpeak School, and LA Family Housing. This coming year, our team will continue our community involvement and expand our on-campus advocacy by partnering with other student organizations, attending conferences, and hosting more info sessions for UCLA students.
Energy Jobs Fair
REA hosts an annual jobs fair to connect the UCLA community to energy focused companies. Previously the 'Green Jobs Fair', the 2016 and 2017 events hosted over a dozen companies and a hundred students from diverse academic backgrounds looking for internships and jobs. We hope to continue this success in our next fair in November 2017. If your company is interested in tabling at EJF, please reach out to our External Vice President at uclarenewable@gmail.com.

BASE
Building Assessments for Sustainability and Efficiency is a REA initiative to help improve the efficiency of campus buildings by assessing them under the LEED framework for Existing Buildings Operations and Maintenance. The team, hosted under the Bruin Home Solutions project, is conducting building audits that considering electricity, water, and transportation, making suggestions for retrofits and infrastructural changes that would improve building efficiency. Previous REA audits have included Kinross South and Rieber Residential Hall.

Workshops
At REA, we often offer presentations by faculty on subjects such as Smart Grids, Sustainable Buildings, and Policy. We also invite members to present on different renewable energy sources. This year, we intend to design a seminar series including these presentations as well as those by our industry partners, to offer comprehensive energy workshops and infosessions.

Bruin Energy App
The Bruin Energy App was a student-designed Android and iOS app that allowed dorm residents to monitor their building’s energy consumption. The app was released for use with the annual “Do it in the Dark” competition, which encouraged students to reduce their individual power usage and compete with other dorm buildings over who could save the most power.
## Partnership Opportunities

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<th>Sponsorship Level</th>
<th>Platinum</th>
<th>Gold</th>
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<td>Annual Presentation at UCLA</td>
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<td>Quarterly Presentation at UCLA</td>
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* Non-sponsors are invited to table at the Energy Jobs Fair for a fee of $250 and will receive an electronic resume book. For more information, please contact us at uclarenewable@gmail.com.
Sponsorship Form:

Thank you for your support

Company Name:______________________________________________________________

Representative Name:________________________ Representative Title:__________________

Office Address:________________________________________________________________

Phone Number: (______) ______-________ Email Address:________________________________

We would like to donate $_____________ to the Renewable Energy Association at UCLA for:

___ General Use

Specific Use:

___ Bruin Home Solutions  ___ Solar Team  ___ Energy Jobs Fair
___ UCLA Projects  ___ UCLA Facilities Lighting Audits  ___ Biofuels Project
___ Education & Awareness  ___ Workshops  ___ Waste Project

For information regarding physical donations, or gift-in-kind, inquire at uclarenewable@gmail.com.

___ We would like to receive periodical reports on REA’s projects
___ We are interested in giving a speaker presentation to REA members
___ We are interested in tabling at Energy Jobs Fair

The funds and or materials indicated will be made out to the Renewable Energy Association at UCLA and will be received within 30 days.

Representative’s Signature and Date:____________________________________________

-------------------------------------------------------------------------------For REA Use Only-------------------------------------------------------------------------------

Fill in form with valid signature and email to the REA Finance Director at finance.uclarenewable@gmail.com

This company will be granted all benefits of its ____________ sponsorship package.

REA President’s Name, Signature, Date:____________________________________________

REA Finance Director Name, Signature, Date:________________________________________

Make check out to “UC Regents” with “Renewable Energy Association at UCLA” in the memo line and mail to:

UCLA MAE Department
Attn: Jessica Lozano
420 Westwood Plaza, 48-121C E4
Los Angeles, CA 90095-1597