Frequently Asked Questions

- **How many members can be part of the team**
  Teams can have as many members as they wish. We advise to have a team of 4-6 team members because only a maximum of 6 team members can present the team proposal at the NECA Convention and travel funds for the three finalist teams to attend the NECA Convention are limited to $2,000 and. Teams are encouraged to find alternative funding sources to cover any excess travel/accommodation cost.

- **Which awards will participating teams receive**
  The following awards will be given to the University Departments of the three finalist teams and the winners of the optional poster competition:

<table>
<thead>
<tr>
<th>2012 GEC Finalists</th>
<th>Prize Money</th>
<th>Travel Support</th>
<th>Plaque</th>
<th>Complimentary Registration Fee for NECA Convention</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Place</td>
<td>$2,000</td>
<td>$2,000</td>
<td>Yes</td>
<td>Yes (6 members plus advisor)</td>
</tr>
<tr>
<td>2nd Place</td>
<td>$1,000</td>
<td>$2,000</td>
<td>Yes</td>
<td>Yes (6 members plus advisor)</td>
</tr>
<tr>
<td>3rd Place</td>
<td>$750</td>
<td>$2,000</td>
<td>Yes</td>
<td>Yes (6 members plus advisor)</td>
</tr>
<tr>
<td>Best Presenter</td>
<td>$500 (goes directly to student)</td>
<td>n/a</td>
<td>n/a</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2012 Poster Competition</th>
<th>Prize Money (given to University Department)</th>
<th>Travel Support</th>
<th>Plaque</th>
<th>Complimentary Registration Fee for NECA Convention</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Place Poster</td>
<td>$750</td>
<td>No</td>
<td>No</td>
<td>Yes (3 members)</td>
</tr>
<tr>
<td>2nd Place Poster</td>
<td>$500</td>
<td>No</td>
<td>No</td>
<td>Yes (3 members)</td>
</tr>
<tr>
<td>3rd Place Poster</td>
<td>$250</td>
<td>No</td>
<td>No</td>
<td>Yes (3 members)</td>
</tr>
</tbody>
</table>

- **How much in travel funds is available for each finalist team**
  ELECTRI International will provide $2,000 for three finalist teams for travel and accommodation support to the NECA Convention where the finalist projects will be presented to the ELECTRI Council Members. Teams are encouraged to find alternative funding sources to cover any excess travel/accommodation cost. ELECTRI will do its best to inform finalist teams as early as possible to help keep travel cost low.

- **Will participants in the optional poster competition receive travel support**
  ELECTRI International will not provide travel support to the NECA Convention for teams participating in the optional poster competition. Students interested in attending the NECA Convention are encouraged to find alternative funding sources. Three members of each poster team will, however, receive complimentary registration to the NECA Convention.
- **Do teams need to create fictitious companies & fictitious staff resumes**
  Teams are not required to create fictitious companies or fictitious staff/student resumes. Final proposals need to include real resumes from all team members and the official name of their respective degrees. However, the scenario of the challenge is for students to explore an energy retrofit/green energy project as a potential opportunity for their (fictitious) firm to pursue. The presentation at the NECA Convention will be given in front of owners/representatives of Electrical Construction companies, so teams should pitch their presentation to this audience as senior members of their own firm who are seeking potentially lucrative energy projects to pursue as a turnkey design-build energy efficiency project.

- **How will team diversity be assessed**
  Teams are encouraged to recruit students from multiple disciplines for their NECA student chapter and Green Energy Challenge team. The more diverse the academic profile of the team is the more points will be awarded (up to a maximum of 20 points). Teams must not create fictitious resumes to increase the diversity of the team; team diversity will be assessed using official major names on team members resumes.

- **How will the Building Energy Survey be evaluated**
  The content of the Building Energy Survey will not be evaluated by the ELECTRI judges; the timely submission of the survey, however, will be awarded with 80 points. 5 points will be deducted for each day the submission is late. The survey shall help you to gain reasonable knowledge of the existing condition of the building and to ensure you have collected all necessary data for your project.

- **Is the use of the book “Photovoltaic Systems” by ATP required for PV systems analysis**
  “Photovoltaic Systems” by ATP is a comprehensive guide to the design and installation of several types of residential and commercial PV systems but you are not required to use it. You can use any other book available and suitable for your project.

- **Is the use of NECAWORKSTM mandatory**
  NECAWORKSTM is a web-based energy and economic screening tool for the exclusive use by NECA members. This year, it will also be made available to student teams participating in the 2012 Green Energy Challenge but students are not required to use NECAWORKSTM.

- **What if the chosen building is a historic landmark**
  There is no problem in choosing a historic building. The energy retrofit/green energy project only presents a proposal of how to improve the energy efficiency of the chosen building irrespective of any building restriction that may apply.
- Does the proposal need to include specs sheets?
  You are expected to identify the general specifications for the material and equipment selected for your proposal and to develop a cost estimate using actual price quotes for system components but specs sheets like they are used for bids are not necessary.

**Contact for any questions relating to the Green Energy Challenge:**
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