

Race To Zero Student Competition

March 11, 2014

Agenda

- Team Submission
- Logistics
- Agenda & Events
 - Oral Presentation
 - Teams unable to attend
 - Poster Session
 - Monday Building America Schedule
- Other business
- Two questions

Team Submission

- Two files to be submitted to Team Dropbox folder
 1. 1 page Executive Summary pdf format
 2. Full submission, including executive summary, pdf format
 - Recommend using the Student Guide to order Table of Contents for team submission
 - Final Team roster
 - Faculty Advisor certification that students completed EEBA course requirements
 - No page limit

Travel Logistics

- NREL located in Golden, CO
 - Closest airport is Denver International
 - Need to arrange for transportation to hotel
 - NREL walkable from hotel
- Group rates available at Denver West Marriott
 - [Book your group rate: NREL DOE Student Design Competition](#)
 - Deadline for hotel reservations Friday, April 4th

NREL Logistics

- List of attendees due Friday, March 15th
 - Email list to kristy.usnick@nrel.gov
- Space is very limited – if we can accommodate additional team members we will let you know via email next week
- NREL meals buffet style to help accommodate special dietary requirements
- Tours of NREL will be available either Saturday or Sunday for interested participants

Weekend Agenda & Events

- Updated agenda to be posted by tomorrow
 - www.homeinnovation.com/doesChallengeHomeStudentDesignCompetition
- Saturday, April 26th
 - Starts 11:30 am with welcome session and lunch
 - 1:00 - 4:30 pm first session of team presentations
 - Teams scheduled in advance for time and room
 - Students encouraged to watch other teams presentations
 - 4:30 - 7:30 pm Networking reception and student poster exhibit
 - Teams have dinner on their own

Weekend Agenda & Events

- Sunday, April 27th
 - Breakfast available at 7:30 am
 - Welcome session at 8:15 am
 - Second session of presentations 8:30 a.m. – noon
 - Lunch at noon
 - Afternoon 1:00 - 4:30 pm: Thought Leaders' Vision for the Future of Housing
 - Judges will convene in afternoon to make decisions
 - 4:30 - 6:30 pm – Networking and Poster Exhibit
 - 6:30 pm Awards Dinner and Presentation

Oral Presentations

- Teams have 25 minutes for their presentation
 - Panel of 3-4 judges
 - Judges to review team written submission and complete preliminary score
 - Faculty Advisor no more than 5 minutes of total time for introduction, optional
 - 15 minutes of Q&A session
 - Judges questions can be on anything regarding team submission, not just information presented orally

Oral Presentations

- PowerPoint format
- Time is limited – all teams face a HARD STOP
- Teams will be asked to upload their PowerPoint presentations by COB April 24th to their Team Dropbox folder
- Speaker-ready room will be available
- Teams will be asked to sign a release form for publication of materials

Judging Process

- Four concurrent judging panels of 3-4 judges each
- Judges will use scoring table outlined in Student Guide
 - www.homeinnovation.com/~media/Files/DOE%20Challenge%20Home%20Student%20Competition/US%20DOE%20Challenge%20Home%20Competition%20Announcement.ashx
- Following all presentations judges will determine final scoring
- Judges may select winners in each panel group to be considered for Grand Award winners
- Three Grand winners will be selected:
 1. Denver Housing Project
 2. Stock project from Guide
 3. Actual project to be built

Teams Unable to Attend

- Teams will be assigned a presentation timeslot for Saturday afternoon or Sunday morning
- Time assigned will be sent in advance
- Teams will be asked to do a dry run presentation with NREL staff
- 25 minutes presentation, 15 minutes Q&A
- Presentation via Go-To-Meeting
- Teams at NREL will be able to watch remote presentations

Poster Session

- Size of poster should be 2' x 3'
- One per team
- Posters must contain the following information:
 - Floor plan, house rendering, and wall section
 - Home stats: Square footage, window area, cost and savings data
 - Performance stats: HERS index, heating and cooling size, energy use calculation
 - 1-2 other unique characteristics about team design
- Teams to sign a release for future publication

Monday Schedule

- All students are invited, but not required, to attend the Building America Teams meeting Monday, April 28th
- Breakfast starts at 7:30 am
- Meetings conclude at noon with Lunch

Other Business

- 7 teams have not paid the entry fee
 - Payment is due before the submission deadline
 - Email mdesiderio@homeinnovation.com to confirm if necessary
- Be on lookout for additional emails as we get closer to event
- Presentation will be posted by tomorrow morning:

www.homeinnovation.com/doeChallengeHomeStudentDesignCompetition

Three Questions

1. What category is your team submission?
 - a) Denver Housing Project
 - b) Stock project from Guide
 - c) Actual project to be built
2. Is you Team planning on attending event? Please confirm using Team name.
3. If yes to above, please send what dates so NREL can plan for meals and the hotel room guarantee.

*Please email your responses to
jellis@homeinnovation.com asap.*

Contacts

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Q&A

1. What are the Due Dates?

- a. March 30, 2014 for the team written submission to be uploaded into the Team Dropbox folder by midnight (local time).
- b. April 24, 2014 for the team PowerPoint presentations to be uploaded into the Team Dropbox by 5 pm Mountain Time.
- c. April 26th for the poster board to be brought to NREL. For those team that are not traveling to NREL the team poster board must be delivered by Friday, April 25th to the host hotel, attention Michelle Desiderio, c/o Denver Marriott West; 1717 Denver West Boulevard; Golden, Colorado 80401; Phone: 1-303-279-910.

2. Poster Boards

- a. Portrait or Landscape? Doesn't matter.
- b. Can they be roll-up or do they have to be rigid? Foamcore panels (2' by 3') and spray adhesive will be available (one per team) for mounting presentation materials.

Q&A

3. **What construction detail is required?** Subject Area J, Construction Documentation, is an opportunity for the teams to integrate preceding Subject Areas into a set of construction documents. Representative details for the house construction should be included along with floor plans, mechanical system layout etc., as outlined on pages 12 and 13 of the Student Guide.
4. **For the oral presentations is the faculty advisor's 5 minutes in addition to the teams 25 minutes or a total of 25 minutes?** Each team only gets a total of 25 minutes to present their project. If the Faculty Advisor presents any information they can have no more than 5 minutes AND that time is counted as part of the team's 25 minutes total time.
5. **Does the PowerPoint have to exactly match the written submission?** No.
6. **Who are the judges?** The judges will be a combination of DOE Building America experts and builders. Each panel will have 3-4 judges.
7. **Can we get extra credit for ADA compliance?** Please see page 13 in the Student Guide.

Q&A

- 8. What size should the pages be in the team submission?** There is no size or page count limit but all of the pages must be submitted in one pdf file. PDF allows mixed size pages in a document. The judges will be sent the documents electronically (paper copies will not be provided) and may review them electronically or may print them out.
- 9. Can Table 3, income level be modified for Actual Projects to be Built?** The income level for the family and any location specific financial information such as tax rate, may be modified for the specific location. However, the financial analysis must include all detail as outlined in Table 3, page 5 of the Student Guide.
- 10. How do I know if my team has paid the registration fee?** We will send an email to teams that have not paid or you can email mdesiderio@homeinnovation.com for confirmation.