Minutes of IEEE PES PEEC Student Activities Subcommittee at the PES GM

Date: July 23, 2013

Start time: 12:00pm (PST time)

End time: 1:00pm (PST time)

Attendees: A. St. Leger, Alex Flueck, J. Solanki, A. Srivastava, S. Suryanarayanan, Dan (last name?), Sarika (last name?)

Minutes:

1. 2013 PES GM Poster Session:
   1. ~180 posters presented (~15 no shows), 2+ judges per poster
   2. Certificate printing, award checks, Noel’s signature on certificates discussed and finalized.
   3. Poster prizes scaled back to $500 each category from $3k to accommodate more students. It was decided to continue with this approach but allow LOC to contribute as much as they desire to the program.
   4. Abstract book was not printed. Instead, published online. A poster with a QR code pointing to this document was arranged, but not included in the 2013 PES GM. For future conferences, push this effort early and place many posters/QR codes around the event. (Possibly send out for students to include on their posters?)
   5. Send link for abstract book to Catherine Paul to send out to all PES GM attendees
   6. Poster Contest Winners:

**Graduate category:**

* + 1. 1st prize: Mr. Jaeyeong Yoo, Yonsei University ($500 cash prize)

Poster title: Look–Ahead Energy Management of a Grid–Connected Residential PV System under Critical Peak Pricing Programs

* + 1. 2nd prize: Ms. Megha Goyal, Queensland University of Technology ($300 cash prize)
    2. Poster title: Power Sharing Control with Frequency Droop in a Hybrid Microgrid
    3. 3rd prize: Mr. Sayonsom Chanda, Washington State University ($200 cash prize)

Poster title: Modeling and Analysis of Campus Microgrid Distribution System

**Undergraduate category:**

* + 1. 1st prize: Mr. Jasper Quach, University of South Florida ($500 cash prize)

Poster title: A Hybrid Maintenance Scheduling Model for Thermal Generators

* + 1. 2nd prize: Ms. Ashton Webberley, University of Denver ($300 cash prize)

Poster title: Study of Artificial Neural Network Based Short Term Load Forecast-ing

* + 1. 3rd prize: Mr. Ivan Riaño, Universidad Distrital Francisco José de Caldas ($200 cash prize)

Poster title: Designing of a Fuzzy Controller Based on Differential Evolution Tun-ing for VSC.

Cash prizes were sponsored by the IEEE PES, the Grainger Foundation, and the Local Organizing Committee (LOC) of GM'13.

An archival source for the abstracts of the accepted poster submissions is available at: <http://ewh.ieee.org/soc/pes/sasc/file/2013%20GM%20Student%20Poster%20Book%20of%20Abstracts.pdf>

* 1. A problem with undergraduates in quarter systems (as opposed to standard semester) and the early PES GM poster deadline was discussed. Normal deadline is much to early to accommodate these students. Proposed solution: partition undergraduate/graduate support (~20% to undergrad, ~80% to grad) and extend undergraduate deadline to late May/early June.

1. Budget:
   1. Grainger has offered continued support for the next three years ($75k/yr). Total budget is $150k/year with PES matching Grainger contribution.
2. 2014 T&D:
   1. Alex needs to finalize count for hotel rooms **NLT 15 March**. Two students allocated per room.
   2. **Submission deadline for student posters/support will be 31 Jan** (leaving a bit of room for an extension up to 10 Feb if required)
   3. LOC contribution is TBD. In 2012 LOC matched PES funds. Need to work with Pete Sauer and Pat Ryan to finalize PES Contribution.
3. 2014 NAPS:
   1. Support should be increased from $15k to $20k (it is available in the budget). Approval is required from Pat Ryan.