

Center for Power Systems Studies  
Spring Meeting  
MINUTES (unofficial)  
Huron, SD - April 24, 2008

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1. **Call to Order:** Steve Hietpas called the meeting to order at 1:00 pm
2. **Recording Secretary: Paul Woodruff – East River Electric Power Cooperative**
3. **Roll Call:**

Steven Hietpas	CPSS Coordinator – SDSU
Dennis Helder	SDSU
Wayne Knabach	SDSU - Retired
Brian Bigge	Northwestern Energy
Reed McKee	Northwestern Energy
Mike Sydow	Northwestern Energy
Nate Jones	Heartland Consumers Power District
Terry Texley	Western Area Power Administration
Paul Woodruff	East River Electric Power Cooperative
Mark Weismantel	East River Electric Power Cooperative
Ted Smith	Sioux Valley Energy
Rick Johnson	Otter Tail Power Company
Jay Dring	Nebraska Public Power District
Richard Dahl	Missouri River Energy Services
Andy Koob	Dewild Grant Reckert and Associates

*Members Not Represented: Basin Electric Power Cooperative, Black Hills Power Company, MidAmerican Energy Company, Xcel Energy Company*

4. **Approve Agenda:**

Nate Jones moved and Ted Smith seconded to accept the agenda as submitted. Motion carried.

5. **Approve Minutes of Oct. 16<sup>th</sup>, 2007 Fall Meeting:**

Nate Jones moved and Ted Smith seconded to accept the minutes. Motion carried.

6. **Membership List:**

Hietpas circulated the list of members and associate members and requested that those present update the lists with any known changes.

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7. **Coordinator's Report:** Report for the Spring Meeting was included in packet. Some of the highlights of the report were:

- *Teaching Activities during Spring 2008 Term*
  - EE221 (3cr) *Circuits II*, 18 students taught by Dr. Hietpas
  - EE221L (1cr) *Circuits II Lab*, 18 students taught by Dr. Hietpas
  - EE315 (3cr) *Linear Controls*, 21 students taught by Dr. Hietpas
  - EE436/536 (3cr) *Hybrid PV Power Systems*, 11 students taught by Dr. Ropp
- *Other Activities – additional detail provided in Coordinator's Report*
  - Dr. Hietpas held planning meetings with the conference committee in preparation for the 2008 CPSS Regional Power Conference, review papers for IEEE and advised graduate students in the power area.
  - Dr. Ropp was awarded an Xcel RDF Grant, with work to start in January 2009. He has been busy submitting proposals to fund work at SDSU including a possibility to build a power system test bed facility at SDSU that can be used for power system research and training. This year the PV in the Parks Project, Volcanoes NP, will be co-sponsored by Heartland Consumers Power District. Nate Jones indicated HCPD hopes to fund this project on a continuing basis.
- *Scholarship Activity – See Coordinator's Report*
  - Hietpas reviewed the scholarship recipients for spring 2008 and fall 2008 who were awarded the CPSS scholarships and other EE open power scholarships.
- *Power Student Status (Fall 2007 and future) – See Coordinator's Report*
  - Hietpas reviewed status of spring 2008 graduate students and current power students and their summer employment status.
- *Summer Activity – See Coordinator's Report*
- **Thank You Letters:**
  - Hietpas circulated the scholarship award winners' thank you letters.

8. **Who's Who in Power Engineering**

Dr. Hietpas presented the Who's Who in Power Engineering at SDSU. This is a database of past graduates of the SDSU EE program which includes contact information. One benefit of the database is to track graduates and leverage any contacts for students. Hietpas encourages all members to look through the database and help to update it. For a password, please contact Hietpas.

9. **Internships/Cooperative Education: SDSU and CPSS**

Hietpas presented the cooperative education program. The program allows students to gain credits for summer work. This was an update of an existing program that wasn't well known. The updated site should inform students of the program and also assist them in finding internship/cooperative opportunities. Hietpas also mentioned CPSS/EE programs need to coordinate the work effort done within the College of General Studies, which assists students with finding employment.

10. **Associate Membership Vote: Ulteig Engineers**

Paul Bachman of Ulteig Engineers requested to join CPSS as an Associate Member. Mike Sydow moved and Terry Texley seconded to accept Ulteig Engineers as an Associate Member.

11. **2008-2009 Student Project Proposal**

Hietpas included in the handouts the proposed CPSS Senior Design project for F08-Sp09. The project, Automatic identification of harmonic-producing devices, was written by Ropp. Members responded

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stating the project seems interesting, however, they had concerns on whether the project maybe too challenging for students.

Ted Smith moved and Terry Texley seconded to accept the student project proposal as submitted. Motion carried.

**12. 2008-2009 Proposed Budget Report: Circulated by Coordinator.**

Discussion:

- The Research and Development expenses were about double what was budgeted. Hietpas explained that more lab equipment was purchased, Ropp's trip to Hawaii and an extra graduate student explained the expenses. Hietpas does not see a need for a larger budget for 2008-09.
- A few members paid double in 2007-08; therefore their dues collected in 2007-08 were larger than budgeted.

Mike Sydow moved and Ted Smith seconded to accept the Proposed Budget Motion carried.

**13. Regional Power Conference Report/Update on (October 20-21, 2008)**

- An update report was included in the handouts
- It was discussed that the Career Fair should be held on Tuesday from 5-7.
- A recent change to the NESC has requirements for Arc-flash studies and the members agreed it would be beneficial to have presenter on this subject.

**14. Adjourn:** The meeting adjourned at approximately 3:00 pm.

Respectfully submitted,

Paul Woodruff – East River Electric Power Cooperative  
Recording Secretary  
April 25<sup>th</sup>, 2008  
Typed and Submitted April 28, 2008