

Center for Power Systems Studies
Semiannual Meeting
MINUTES (Unofficial)
Madison, SD - April 20, 2006

1. **Call to Order:** Steve Hietpas called the meeting to order at approximately 1:00 pm
2. **Recording Secretary:** Nate Jones – Heartland Consumers Power District
3. **Roll Call:**

Steven Hietpas	CPSS Coordinator - SDSU
Steven Arbach	NorthWestern Energy
Mike Sydow	NorthWestern Energy
Reed McKee	NorthWestern Energy
Nate Jones	Heartland Consumers Power District
John Knofczynski	Heartland Consumers Power District
Daniel Olson	Western Area Power Administration
Terry Texley	Western Area Power Administration
Chad Rasmussen	DeWild Grant Reckert & Associates, Co.
Ralph Hagge	Cannon Technologies, Inc.
Larry DeKramer	East River Electric Power Cooperative, Inc.
Jim Edwards	East River Electric Power Cooperative, Inc.
Ken Booze	East River Electric Power Cooperative, Inc.
Corey Kasuske	Sioux Valley Energy

Members Not Represented:

Basin Electric Power Cooperative
Black Hills Power, Inc.
MidAmerican Energy Company
Missouri River Energy Services
Otter Tail Power Company
Xcel Energy Inc.

4. **Approve Agenda:** Jim Edwards moved and John Knofczynski seconded to accept the agenda as submitted. Motion carried.
5. **Approve Minutes of Oct. 18th, 2005 Annual Meeting:** Larry DeKramer moved and Mike Sydow seconded to accept minutes with one proposed change.
 - Item #9 Budget Committee: Line item states that Lloyd Linke (WAPA) is replaced by Larry DeKramer (EREPC). Mr. Linke has been replaced by Jim Edwards (EREPC).

Motion carried.

6. **Coordinator's:**
 - **Semiannual Report:** See report included in packet. Some of the highlights were:
 - *Teaching Activities during Spring 2006 Term – See Coordinator's Report*
 - Hietpas indicates that 4 or 18 students seem interested in power related careers.
 - Ropp's special topics course encompassing photovoltaic renewable energy has essentially become a standard SDSU EE elective course.
 - *Scholarly/Research Activity – See Coordinator's Report*
 - Hietpas and Ropp are now both registered PEs.
 - Both are developing more renewable and power-related topics into the SDSU EE curriculum.

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- *Scholarship Activity – See Coordinator’s Report*
 - Austin Hoekman is the 1st two time recipient of the \$3000 CPSS Award.
 - *Power Student Status (Fall 2005 through Summer 2006) – See Coordinator’s Report*
 - 6 of the 25 Fall 05/Spring 06 graduates declared power (24%) up from 15% in the prior year.
 - Since 2000, 35 of 164 (21%) SDSU EE graduates declared power.
 - *Summer Activity – See Coordinator’s Report*
 - Ropp is coordinating a trip to Parks Field in Alaska to install a PV array.
 - **Thank You Letters:**
 - Hietpas circulated the scholarship award winners’ thank you letters.
7. **CPSS Student Project for 2006/2007**
- EE students gave a presentation and demonstration involving their Hydrogen Fuel Cell Inverter.
 - project is still in the late development stages, but the students have identified problem areas and have developed an effective and successful display to outline their progress.
 - Douglas Larson, Gabe Mejia, and Dustin Schutz are the SDSU EE Students who worked on the project this year.
 - Nice work guys!
 - EE Department is always open for suggestions and power-related project ideas for the Senior Design Course.
8. **Proposed Budget for 2006/2007 : Circulated by Coordinator.**

Jim Edwards moved and Mike Sydow seconded to accept the Proposed Budget
Discussion:

- Student Stipends
 - 05-06 Budget \$2500 – 05-06 Actual \$6900
 - Additional expenditures resulted from advance purchases of plane tickets for Alaska PV installation trip.
 - \$4400 will transfer to 06-07 Actual expenses
- Burns & McDonnell will be removed from Associate Members list due to lack of contact and support.
- General Scholarships 06-07 Budget
 - Proposed increase from \$4700 to \$7000 to accommodate greater scholarship amounts as a reward to committed power students.
 - Increase won’t result in increased donations in short term because other budget dollars are not being used. Essentially the costs are being transferred.
- Possibly could hire a web page developer.
 - Cost would be \$500

Motion carried.

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9. ***CPSS Regional Power Conference 2006***

- CPSS Annual Business meeting will be held Monday, October 16, 2006. CPSS Conference will follow on Tuesday, October 17, 2006.
- Each CPSS representative is receptive to having a company informational booth set up during the conference to aid with student interaction.
- All speakers and topics have been identified for the Conference portion of the Annual meeting although schedule hasn't been determined.
- The CPSS Annual Meeting/Banquet charge per participant will be \$50.

10. CPSS By-Laws Review

- At the last meeting, Bob Crawford suggested review of by-laws to determine if Associate Members should be able to serve on committees.
 - Hietpas circulated a copy of the CPSS Membership Definitions.
 - Associate Members Paragraph 2d states that Associate members don't have voting privileges, but may hold committee or other special positions.
- There was a suggestion made to change Semiannual/Annual meeting to the Spring/Fall meeting.
- Another suggestion was made to strike the comment outlined in parentheses located in section Advisory Council Representation paragraph 5.
- Hietpas will revise all by-law related documents to bring up to date and circulate at the fall meeting for approval.

11. ***Date for fall 2006 Annual Meeting and Regional Power Conference***

- Consider having the annual business meeting on October 16th, rather than on October 18th?.
 - Yes, the annual business meeting will be moved to October 16, 2006.
- Date of Conference is set for October 17th, followed by Annual Banquet in the evening

12. ***Appreciation:*** Thank you to East River Electric Power Cooperative for hosting meeting.

13. ***Adjourn:*** The meeting adjourned at approximately 2:45 pm.

Respectfully submitted,

Nate Jones, <Heartland Consumers Power District>
Recording Secretary
April 25th, 2006