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May 2007 Newsletter

April Meeting Recap

The April meeting was held at Energy Systems in downtown Omaha. We were treated to an extensive tour of the Howard Street and California Street facilities. Ken Flegle and his staff were able to show the Nebraska Section some of their boilers, chillers and back-up generator sets. In all, 26 members were in attendance.

May Meeting @ Electric Power Drive Competition

On Saturday, May 5th, OPPD will be helping sponsor Power Drive Championship event at the Mid America Motorplex near Glenwood, Iowa. This is an electric vehicle design/build/race competition between regional high school and college students. This program has been around since 1998-1999 school year. Many of the students involved have developed some impressive cars. The Nebraska Section of ASME will have a presence at this event to cheer on these students. See the event flyer for more information. Below are some photos from last year's race.



ASME May Meeting

“NEBRASKA ELECTRIC POWER DRIVE CHAMPIONSHIP FINALS”

Saturday, May 5, 2007
10:30 a.m. – 1:00 p.m.

DIRECTIONS: The Mid America Motorplex is near Pacific Junction IA. Travel south I 29 out of Omaha then at the US-34 Glenwood exit the interstate. At stop sign turn right then the at the first left turn south onto 190th St. Travel about 2 miles turn left onto to Jesup Ave. The Mid America Motorplex, 19340 Jesup Ave, is about ½ mile.

Family Oriented

You will see about 80 + cars compete from Nebraska and Iowa schools, they will be from simple designs by a few students to multi car teams with very sophisticated designs and construction. The families of the students really get behind them making this a family fun event. The cars are judged on creativity, performance, design and a 1 hr endurance race that you will see cars with speeds of over 35 MPH and the winners will average something close to 30 MPH all with 92 # of lead acid batteries.

The engineering on some of the cars is incredible. These High School and College Students have really taken these cars to very high standards. Several of these students have gone on to college and taken automotive engineering and are now working on NASCAR and other professional race car teams. Many of them got their start with this program.

Please come and join the Nebraska Section of ASME in at this event. It should be an exciting afternoon where you can be impressed by some of the efforts of these students.

For more information see the following website.
<http://www.oppd.com/Education/PowerDrive/index.htm>

Complimentary refreshments for ASME members, their family, and their guest.

Registration Information

None. It is a first come first serve.

**THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY
STUDENT CHAPTER**

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April 20, 2007

Dear Professional Engineers & Companies:

The South Dakota School of Mines and Technology's ASME student chapter is seeking sponsors to support both new outreach activities and to send the SDSM&T ASME student design team to the national competition in Seattle, WA in November 2007. The team won first place at the district conference in Moscow, ID. A fundraising goal of \$5100 has been established and will be used toward outreach activities in addition to travel, lodging, and associated expenses with competing at the national competition. Money raised beyond this amount will be used wisely for future conferences, design expenses, and other planned ASME activities.

We greatly appreciate donations to support our ASME student section. This sponsorship is an excellent opportunity for you to establish a professional relationship with our members who may someday become your future employees. If you do become a sponsor, your name/company will be proudly posted on the ASME donation board within the ASME office and on our planned ASME student section website. Industry sponsors will have the option of including their company's logo on t-shirts to be worn by the design team at the national competition. The electronic link below will show you our full proposal letter with our recent and upcoming events, and possible ways to donate.

<http://mech.sdsmt.edu/MEweb/MEnews/ASMEfundraising.pdf>

Thank you for your consideration. I am currently running for ASME 2007-2008 student section chair, so if you have any questions or comments feel free to call me at 605-769-9006.

Sincerely,



Lisa Robinson

