



2005 Hydro Power Contest

PRIZES

Hydro Power Contest competitors (an individual or team entering a device) have the opportunity to win a variety of prizes. Awards are available for the following six categories of competition:

- Student Division, Power Class
- Student Division, Efficiency Class
- Open Division, Power Class
- Open Division, Efficiency Class
- Pro Division, Power Class
- Walk-On Class

Cash Prizes

The highest-ranking competitors after the final round of competition will win cash prizes in accordance with the following schedule:

Cash Prize Schedule				
Entries in Category	Cash Prize for Placement in Category			
	1st	2nd	3rd	4th
5 or more	\$900	\$600	\$300	\$200
3 or 4	\$600	\$300	\$200	none
2	\$400	\$200	none	none
1	\$300	none	none	none

The judges may, at their discretion, make additional cash awards for the entries that they deem “Most Innovative,” “Best Workmanship,” and/or “Most Improved.” If awarded, these cash prizes will be \$250 each.

More Cash!

The **Hydro Research Foundation** will distribute cash prizes to some Student winners totaling approximately \$700.

Scholarships

Canada Centre for Mines and Energy Technology / Natural Resources Canada (CANMET) is offering one \$1,500 (CDN) scholarship to a Canadian student or student team which wins one of

the Student Division competition classes. The **U.S. Department of Energy (DOE)** is offering two \$2,500 (US) scholarships to US students or teams which win first place in the Student Division classes. The **American Society of Mechanical Engineers (ASME) Power Division Hydro Power Technical Committee** is offering two \$500 scholarship to students or teams which win second place in the Student Division classes. All scholarships are available to winners based on meeting student eligibility criteria.

"PUMPED STORAGE" SUPPORTERS

**Hydro Research Foundation
Waterpower XIV
Tennessee Valley Authority
U.S. Department of Energy**

"PEAKING POWER" SUPPORTERS

**ANSYS Engineering Software
Autodesk, Inc.
HANDS-ON! Hydro
Hydro Review Magazine**

"RUN-OF-RIVER" SUPPORTERS

ASME Hydro Power Technical Committee
Canada Centre for Mines and Energy Technology /
Natural Resources Canada
DSP Development Company
MathSoft, Inc.
TURBNPRO
Voith Siemens Hydro Power Generation

"BASELOAD" SUPPORTERS

Alden Research Laboratory
Ameren
American Hydro Corporation
ASCE Hydro Power Committee
Brascan Power - New York
Bureau of Reclamation, Power Resources
Canyon Industries, Inc.
Central Nebraska Public Power & Irrigation District
Electric Power Research Institute
Enel North America, Inc.
GE Hydro Power, Inc.
Grant County PUD
Hydro Performance Processes, Inc.
Kleinschmidt Associates Consulting Engineers
MWH Energy
National Hydropower Association
Sorensen Governor Company
Southern Company Services
Synergics Energy Development, Inc.
Wenckus Energy, Inc.

and many others...

Travel Stipends

HANDS-ON! Projects is offering six \$500 travel stipends this year. Three Canadian and three US competitors may win stipends to assist students from their colleges to travel to the next **Hydro Power Contest**, which will be held in Portland, Oregon.

Software

ANSYS has provided one Computational Fluid Dynamics (CFD) software package plus training for the Student Efficiency winner's school. **Autodesk, Inc.** has provided five of its AutoCAD LT software packages. **Hydro Info Systems** has provided two sets of its turbine selection software, TURBNPRO to two Student Division winner's schools. **MathSoft** has provided five sets of its powerful mathematics software, MathCAD. **DSP Development Corporation** has donated five sets of its data analysis software, DADiSP.

Books

The **ASCE Hydro Power Committee** has provided a library of twenty books and other publications from ASCE Publications. **HCI Publications** has provided four of its technical books as prizes.

Magazine Subscription

All competitors will receive a complimentary one-year subscription to **Hydro Review** magazine.

Shirts

All competitors will receive a **Hydro Power Contest** tee shirt.