



DEED STUDENT RESEARCH GRANT/ INTERNSHIP APPLICATION

EXPLANATION OF DEED:

The Demonstration of Energy-Efficient Developments (DEED) program was established in 1980 by the American Public Power Association. The purpose of this research, development and demonstration program is to sponsor and conduct activities related to energy innovation, improving efficiencies and lowering the cost of providing energy services to the customers of publicly owned electric utilities.

The DEED program offers funding for projects that will develop and demonstrate new technologies and techniques. Funding for DEED-sponsored projects comes in the form of grants to DEED member utilities, scholarships to university students studying in energy-related disciplines, and joint projects with APPA committees.

APPA is the national service organization for community-owned, not-for-profit electric utilities.

CRITERIA FOR SCHOLARSHIP AWARD:

DEED student research grants/internships are intended to promote the involvement of students studying in energy-related disciplines in the public power industry, and to provide host utilities with technical assistance. Successful applicants are expected to conduct research on a project approved by the sponsoring utility and submit a final report on the project, describing activities, cost, bibliography, achievements, problems, results, and recommendations. A two-page summary abstract is also required.

ELIGIBILITY REQUIREMENTS FOR APPLICANTS:

Only graduate or undergraduate students studying in energy-related disciplines from accredited colleges or universities are eligible for scholarships.

Students must be attending school in a country with at least one DEED member. To view a listing of current DEED members, visit <http://www.appanet.org>, click *Research & Development (DEED)*, then click *DEED Members*.

Applications must be sent from a DEED member utility and must be dated and signed on the last page by an authorized individual at that utility.

Applicants must submit an academic transcript.

Applicants will not be discriminated against on the basis of sex, race, religion, national origin, or citizenship.

NUMBER OF AWARDS GIVEN PER YEAR: 10

If all 10 are not awarded at the spring meeting, the remainder will be available in the fall.

AMOUNT OF EACH AWARD: \$4,000

Student research grants/internships may be split among students collaborating on a single project. \$1,500 will be withheld until satisfactory completion of the project. Payments are made from APPA to the sponsoring utility for dispersal to the student. It is the responsibility of the sponsoring utility to make scholarship payments to the student in accordance with

federal and state tax regulations. The sponsoring utility will approve and forward the student's final report and summary abstract to APPA.

EVALUATION CRITERIA:

In evaluating student research grant applications, DEED Directors shall give due preference to these criteria:

1. broad applicability of benefits to public power systems, in particular DEED members;
2. close involvement of the host utility in project monitoring, sponsorship, and guidance;
3. major in an academic field related to the electric power or energy service industries;
4. superior academic performance;
5. special consideration to utilities who have not previously sponsored a student and to small utilities; and
6. educational and learning opportunities for student(s) in public power and utility field.

Please note that the DEED directors will not consider #1 noted above when evaluating internship applications.

FUNDING AWARDS:

The DEED Board of Directors, which makes the funding awards, meets in conjunction with APPA's Engineering and Operations Technical Conference (March or April) and six months later in Washington, D.C., (September or October).

MORE INFORMATION:

See pages 11-14 of the DEED Policy Manual on APPA's website for more detailed student research grant/internship information. <http://www.appanet.org/>, click *Research & Development (DEED)*, then click *DEED Policy Manual*.

DEADLINES:

February 15 and October 1 every year.

SEND APPLICATION TO:

DEED Administrator
American Public Power Association
1875 Connecticut Ave., NW Suite 1200
Washington, DC 20009-5715

INSTRUCTIONS FOR COMPLETING THE DEED

STUDENT RESEARCH GRANTS/INERNSHIPS

APPLICATION FORM:

1. Complete the information on the DEED Student Research Grant/Internship Application coversheet (next page).
2. Answer the seven applications questions on additional pages. These pages should be attached to the cover sheet. The length of the application should be no longer than seven pages including the cover sheet, single-spaced, with one-inch margins.
3. Submit original signatures of student, utility authority and school official as well as other information requested in Required Signatures section.
4. Send two copies of the application, including cover sheet and signature page (one with original signature) to the DEED Administrator at APPA by the established deadline (see address above).
5. Send a copy of the application to the DEED Director representing the region where the sponsoring DEED member is located. Visit the DEED website, at <http://www.appanet.org>, click *Research & Development (DEED)*, then click *DEED Board of Directors*, for information on the regional DEED Directors.
6. Have a single transcript of the student's academic record mailed directly to the DEED Administrator.

QUESTIONS: Call the DEED Administrator at 202/467-2960, the DEED Assistant at 202/467-2994 or email DEED@APPAnet.org.

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Demonstration of Energy-Efficient Developments (DEED) Program
AMERICAN PUBLIC POWER ASSOCIATION

TITLE OF PROJECT:

SPONSOR INFORMATION:

Utility Name: _____

Address: _____

Phone: _____

Fax: _____

Number of prior sponsored DEED student research grant/internships: _____

Date of last DEED sponsored student: _____

Supervisory personnel from utility – name and title: _____

Phone: _____

E-mail: _____

STUDENT INFORMATION:

Name: _____

Phone: _____

E-mail: _____

Current address: _____

Permanent address: _____

Course of study (degree/major) _____

Expected graduation date (m/yr) _____

EDUCATIONAL INSTITUTION:

Name: _____

Address: _____

Supervisory personnel from educational institution:

Name and title: _____

Phone: _____

E-mail: _____

PROJECT TERM

Proposed start date: (m/yr): _____

Proposed completion date: (m/yr): _____

APPLICATION QUESTIONS

Please respond to the following questions as completely as possible. The length of the application should be no longer than seven pages including the cover sheet, single-spaced, one-inch margins.

- 1.) Description of the proposed project:
- 2.) Statement of the problem the project is attempting to solve:
- 3.) Project objectives:
- 4.) Methodology to be used to conduct the project:
- 5.) Description of equipment/hardware/system to be used to complete the project (Please be as specific as possible.):
- 6.) Anticipated deliverable(s) to DEED (if applicable) in addition to required final report and two-page summary abstract (i.e. manual, software, videotape, etc.):
- 7.) Anticipated relevance and transferability of project results to other public power systems (Please consider the availability of staff resources of publicly owned utilities, many of which serve less than 2,000 meters, and whether these utilities would benefit from the results of the project.)

REQUIRED SIGNATURES

UTILITY AUTHORITY:

Name: _____ Date: _____

Signature: _____

Phone: _____ E-mail: _____

STUDENT:

Name: _____ Date: _____

Signature: _____

Phone: _____ E-mail: _____

EDUCATIONAL INSTITUTION:

Name: _____ Date: _____

Signature: _____

Phone: _____ E-mail: _____

- Return original plus one copy of this form to: DEED Administrator
American Public Power Association
1875 Connecticut Ave., NW Suite 1200
Washington, DC 20009-5715
- One copy of student’s transcript must be sent directly from the school to the DEED Administrator; transcripts issued to students are not acceptable.
- Send one additional copy to the DEED Director for your region. Visit the DEED website, at <http://www.appanet.org>, click *Research & Development (DEED)*, then click *DEED Board of Directors* for contact information on regional DEED Directors.