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AFCESA



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## TARGET AUDIENCE: Operations Flight

# Deployable Power Generation & Distribution System MEP 810A Training Opportunities

### SYNOPSIS:

The Deployable Power Generation & Distribution System (DPGDS), the MEP-PU-810A, provides 920 kilowatts of power with twin 460-Kw-motor generators in one chassis to support both 60- and 50-Hertz operations. It is part of a system that will eventually replace the MEP-12s and the old Primary Distribution Center.

### DETAILS:

DPGDS was a joint buy with the Army. The 810A is the AF version and the 810B is the Army version—they are identical except for the chassis. The 810s provide state-of-the-art local on-board controls, as well as an Operator's Remote Terminal for remote operations. The AF has accepted 89 units, and there are plans to procure more. Initial distribution provided assets to our three field training sites, CEMIRT and the 49 MMG. The 366 TRS and three of the ANG Regional Training Sites (RTSs) also received units. Two 810As were sent to the 249th United States Army Prime Power School (USAPPS) at Fort Belvoir, Va., to be utilized for training AF personnel. The objective was to ensure that training locations were provided DPGDS assets in order to begin training and exposing our airmen to the new equipment.

### TRAINING:

Training opportunities are available to all Air Force personnel (active duty, ANG and AFRC).

The 249 USAPPS at Fort Belvoir, Va., teaches two courses tailored to address Air Force requirements: a 10-day Operator's course (J5AZA3E052 001) and a 10-day Maintenance course (J5AZA3E052 002). Each course has 12–14 slots and is available twice each calendar year (Apr and Oct). The courses are certified for five college credit hours. Visit the Education and Training Course Announcements Web site (<https://etca.randolph.af.mil/>) for more information.

DPGDS training is also included in the Power Production curriculum at the three Silver Flag Exercise Sites (SFESs): Tyndall AFB, Fla.; Ramstein AB, Germany; and Kadena AB, Japan.

Pipeline students are taught knowledge-based training on the 810A in the Power Production Apprentice Course at Sheppard AFB, Texas.

DPGDS MEET/Just in Time (JIT) training will soon be available at the USAFE Construction Training Squadron site, CEMIRT Dover and SFES Kadena.

JIT training is also available through the 49 MMG, Holloman AFB, N.M. The 49 MMG POC for training is Mr. Rob Coward, [Robert.Coward@holloman.af.mil](mailto:Robert.Coward@holloman.af.mil), DSN 572-7472.

The production contract also has provisions to purchase specialized training from the manufacturer.

In the near future, HQ AFCESA will assist the ANG RTSs in developing the appropriate training at their sites. They will use the standard 5-day MEET curriculum that was developed in June 2003.

### MULTIMEDIA TRAINING:

In 2003, contractors responsible for manufacturing and distributing the DPGDS developed a multimedia training CD-ROM. It covers basic operation and maintenance procedures for the DPGDS. Initial distribution was sent to all CE units in Feb 03.

