

Tactical Electrical Power (TEP)

Provides modernized tactical electric power sources for all services.



DESCRIPTION AND SPECIFICATIONS

The Tactical Electric Power (TEP) program consists of small (0.5kW) to large (920kW) generating systems; power units and power plants; and auxiliary power units providing "single fuel" (diesel/JP-8) electrical generator systems that:

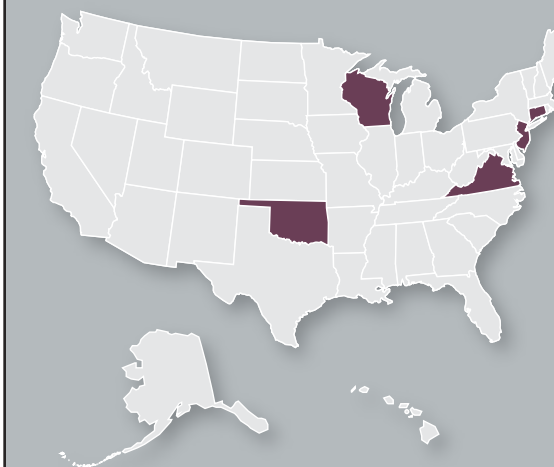
- Increase reliability (now 500-600 hours mean time between failure)
- Reduce weight/cube
- Reduce infrared signature and noise (to 70 dBA @ 7 meters)
- Are survivable in chemical, biological, and nuclear environments
- Provide quality electric power for command posts; command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) systems; weapon systems; and other battlefield support equipment

PROGRAM STATUS

- **FY04** Production and deployment is ongoing for 2kW, 3kW, 5kW, 10kW, 15kW, 30kW, 60kW, and 920kW generator sets
- **FY04** Assembly of power units and power plants (trailer mounted generator sets) and procurement of 5kW 28-volt DC and 10kW shelter mounted auxiliary power units continues
- **3QFY04** Milestone C and production award completed for 100kW and 200kW generator sets
- **4QFY04** Advanced Medium Mobile Power Sources (AMMPS) (next generation Tactical Electric Power Sources) Phase 1 design contract awarded
- **4QFY04** 2kW generator set design improvement contract awarded
- **2QFY05** First production deliveries of 100kW and 200kW generator sets

PROJECTED ACTIVITIES

- **FY05** Production and deployment of generator sets, power units and power plants, and auxiliary power units to continue
- **1QFY06** Advanced Medium Mobile Power Sources (AMMPS) Phase 2 design contract awarded



CONTRACTORS

3kW, 5kW, 10kW, 15kW, 100kW and 200kW: Fermont (Bridgeport, CT)
30kW, 60kW: MCII (Tulsa, OK)
920kW: Radian (Alexandria, VA)
2kW: Dewey Electronics (Oakland, NJ)
Trailers for Power Units and Power Plants: Phoenix Coaters LLC (Berlin, WI)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- Production and Deployment