

TEMPOPRARY EMERGENCY POWER INFORMATION PAPER



Emergency Power Mission Capabilities

The U.S. Army Corps of Engineers (USACE) has the capability to provide state and local officials, Tribal Nations and U.S. Territories broad support for their unmet temporary emergency power needs. This support ranges from technical expertise/assistance through complete management of an emergency power mission including the procurement, installation, operation and maintenance of generators. USACE assets include elements of the U.S. Army 249th Engineer Battalion "Prime Power", Subject Matter Experts (SME's), Emergency Power Planning & Response Teams (PRTs) from across USACE, USACE-contracted forces, and USACE Deployable Tactical Operations System (DTOS) for communications. USACE also coordinates with other Federal partners such as the Federal Emergency Management Agency (FEMA) and the Department of Energy (DOE). These assets can provide Technical Assistance before, during or after an event which includes, but is not limited to:

- Assessing emergency power requirements needed at a facility
- Assessing conditions and capabilities of existing emergency generation equipment
- Troubleshooting, repairing, and operating emergency generation/distribution equipment
- Installation, operation, fueling and maintenance of emergency power generation equipment
- Safety inspections of electrical distribution systems and equipment
- Assessing damaged electrical distribution systems and equipment
- All hazards emergency power planning

The execution of a power mission in an emergency involves the combined efforts of the 249th, the Power PRT, DTOS, the Advance Contracting Initiative (ACI) contractor, and our Federal and state partners. During these missions, the Technical Assistance items discussed above are brought to bear along with:

- Provide assistance to state and local officials, Tribal Nations and U.S. Territories in determining priorities for assessing and installing generators at critical public facilities
- Assessing facilities to determine suitability for a generator, location for its placement and matching with the correct generator configuration
- Preparation, hauling, and installing generators
- Operation, fueling, service, and maintenance of installed generators
- De-installation and return of generators. This can also include remediation of the generator installation site to its pre-installation site condition
- Service, maintenance, and repair of generators prior to their return to long-term storage to ensure they are Fully Mission Capable (FMC). This may also include load testing
- Replenishing any Bill of Materials (BOM) used during execution of the mission

Operational maintenance of FEMA generators is performed by a combination of 249th, PRT, and contractual support. Generator procurement and/or leasing can be performed by USACE through a contracting team which has pre-established contracting tools.

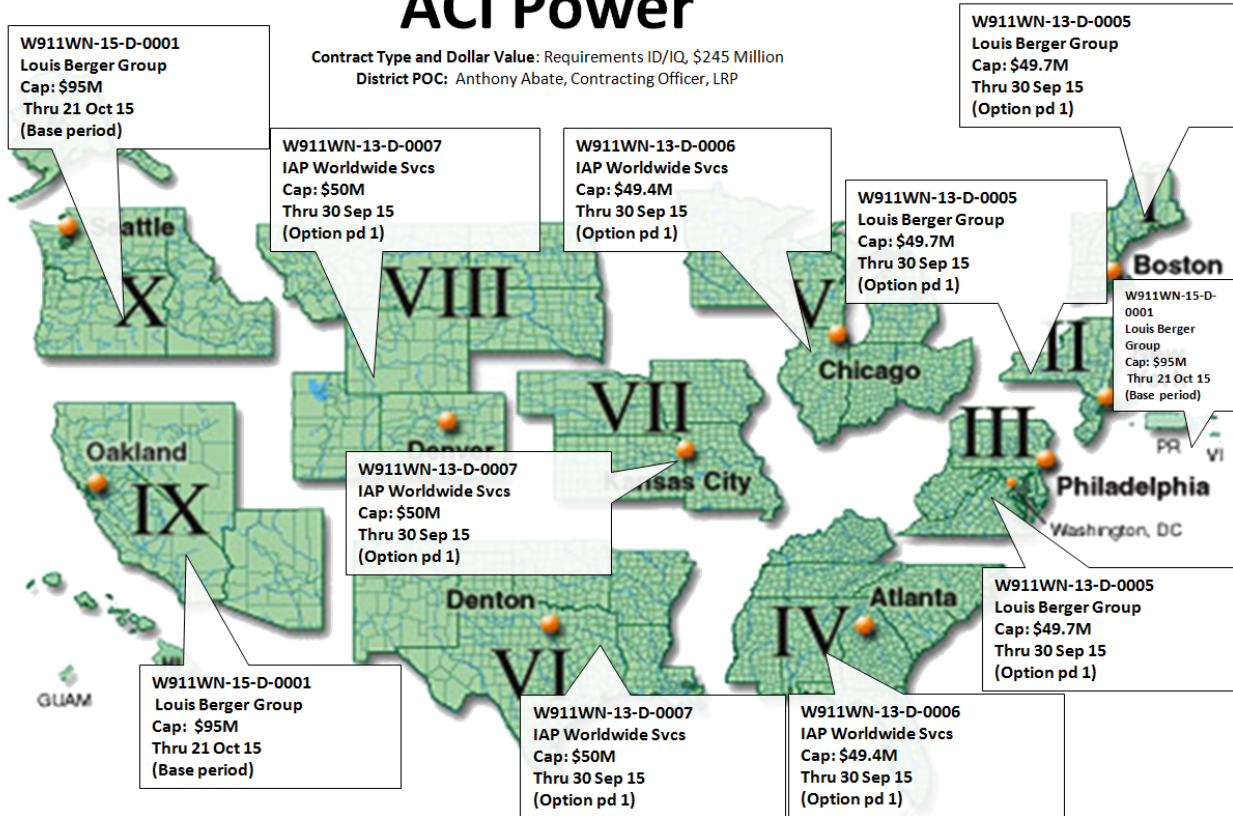
During Emergency Power response activities, facilities requiring generators are typically prioritized in the following order:

1. Life Saving Facilities (911 centers, police, fire stations, and medical facilities)
2. Life Sustaining Facilities (water and wastewater treatment and pumping facilities)
3. Other municipal facilities to reinstitute local command and control and post-event recovery

A video highlighting the USACE Temporary Emergency Power mission has been developed to assist emergency planners in understanding the capabilities and implementation of temporary emergency power missions in a disaster: www.youtube.com/watch?v=cOGaPwlxu0w

Emergency Power Contracting

ACI Power



USACE Emergency Power Planning & Response Team (PRT) Locations

CELRD – Great Lakes and Ohio River Division (Emergency Power Proponent Division)

- | | |
|------------------------------|------------------------------|
| CELRP - Pittsburgh District | CESWT - Tulsa District |
| CENWW - Walla Walla District | CEPOH - Honolulu District |
| CESAS - Savannah District | CESPA - Albuquerque District |
| CEMVM - Memphis District | |

Emergency Power Points of Contact

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USACE Proponent

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