

**US Army Corps
of Engineers®**

EMERGENCY POWER

INFORMATION PAPER

Emergency Power Mission Capabilities:

USACE has the capability to provide local and state officials 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 and operation of generators. USACE assets include elements of the U.S. Army 249th Engineer Battalion "Prime Power", 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 & capabilities of existing emergency generation equipment
- Troubleshooting, repair, & operation of emergency generation/distribution equipment
- Installation, operations, fueling and maintaining 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 ACI contractor, and our state and federal partners. During these missions, the Technical Assistance items discussed above are brought to bear along with the following:

- Provide assistance to state and local officials 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 installation of 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.

Purchase of generators during disaster response should be avoided if possible. The USACE pre-established contracts allow leasing and rental of generators if the FEMA inventory cannot satisfy needs. Historically, most generators purchased during disaster responses required extensive modifications to meet FEMA acceptance criteria to be included into their inventory.

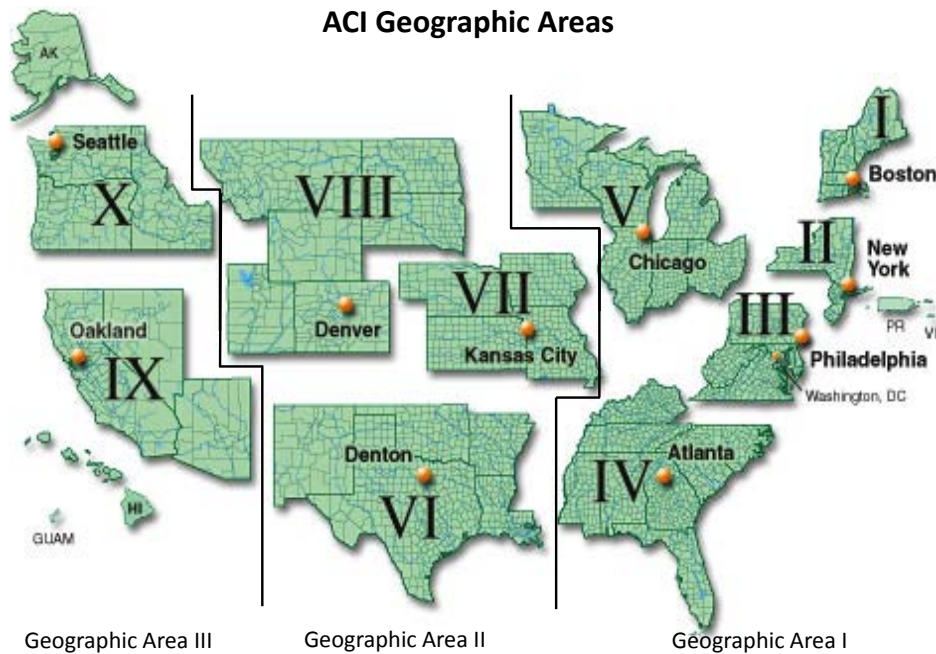
During Emergency Power response activities, facilities requiring generators are typically prioritized in the following order:

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

Emergency Power Video: www.youtube.com/watch?v=cOGaPw1xu0w

Emergency Power Contracting:

The Advance Contracting Initiative (ACI) Contracts serve specific FEMA regions as shown below.



Contract Area	Serving FEMA Regions/Territories
I	I, II, III, IV, V, Puerto Rico, and the Virgin Islands
II	VI, VII and VIII
III	IX, X, Alaska, Hawaii, and Guam

Area I

IAP Worldwide Services

Area II

IAP Worldwide Services

Area III

Kellogg, Brown and Root Services, Inc

In addition to the three ACI contracts which are Area specific, USACE also provides additional capabilities through the Worldwide Power (WWP) Contingency Response Contracts. Three firms hold the WWP contracts: Berger Cummings JV, Fluor Corp., and IAP Worldwide Services.

USACE Emergency Power Planning & Response Team (PRT) Locations:

- CELRD – Great Lakes and Ohio River Division (Emergency Power Proponent Division)
- CELRP - Pittsburgh District
- CENAP - Philadelphia District
- CESAS - Savannah District
- CEMVM - Memphis District
- CESWT - Tulsa District
- CENWW - Walla Walla District
- CEPOH - Honolulu District

Emergency Power Points of Contact

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