



Emergency Power Facility Assessment Tool (EPFAT)

Following disasters that disrupt the commercial power service, generators are often required at critical public facilities, such as water treatment plants, hospitals, wastewater treatment plants and shelters. The U.S. Army Corps of Engineers (USACE) is often called upon by FEMA to assist in providing temporary emergency power at critical public facilities identified by state officials. Facility assessment data is required before a generator can be sourced and installed.

The Emergency Power Facility Assessment Tool (EPFAT) is a secure web-based tool that can be used by critical public facility owners/operators, or emergency response agencies, to input, store, update and/or view temporary emergency power assessment data. Having pre-installation assessment data in advance will expedite USACE's abilities to provide temporary power.

Background:

- EPFAT was developed by USACE and FEMA to expedite the installation of generators following major disasters.
- Following a disaster, it can take the USACE many hours and possibly days to deploy assessment teams to all of the impacted critical public facilities so that the right generators can be properly installed.
- By adding information to EPFAT prior to a disaster, USACE will have the assessment data and generator size requirements needed to expedite the installation process.
- The database also provides the facility manager and the local/state/federal Emergency Management staff a permanent off-site repository for this information which is password protected and under controlled access.



Preparedness Actions:

- Facility owners and managers may want to consider installing generators and/or providing transfer switches to speed the delivery of temporary power following a disaster.
- Facility owners and managers should contact their County Emergency Management Office to determine if their facility is deemed "Critical" to qualify for State or Federal post-disaster generator assistance.
- Typically, critical facility assessments are completed by qualified electricians (Journeyman or Master Electricians, Electrical Engineers) who are on-site/staff, contracted electricians, or volunteers.
- Information and data is stored in a "Google-Map" type geo-referenced database that can be easily retrieved and/or updated. The tool can be viewed by authorized emergency response personnel at the City, County, State, FEMA Region, or National level authorized personnel.

Points of Contact: For additional information, please contact one of the following EPFAT Subject Matter Experts (SMEs):

- Emergency Power SME-T (412) 295-7745 (*Primary*)
- Emergency Power SME (724) 459-4709 (*Alternate*)

Key Web Links:

- An EPFAT Tutorial Video: <https://vimeo.com/125044973>
- The URL for EPFAT is: <https://epfat.swf.usace.army.mil/Welcome.aspx>
- Overview of the Temporary Power mission: http://youtu.be/vHCe7_4Nw5Y