



## KMEA Mutual Aid GIS Mapping Program

The Kansas Municipal Energy Agency Mutual Aid Program (MAP) assists member utilities with the challenges of disaster preparedness and emergency response needs. Emergency readiness has grown in importance with heightened customer demands and concerns about a broader range of potential threats and vulnerabilities. In recognition of these concerns, KMEA has upgraded the Mutual Aid Program to include a Mutual Aid GIS Mapping Program for member utilities (G-MAP).

The overall goal of the GIS program is to develop a comprehensive and uniform mapping platform for mutual aid responders. This program will put up-to-date, standardized and comprehensive electric network mapping information in the hands of the mutual aid responders.

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### Member Benefits

- KMEA member group pricing for GIS development services
- ESRI ArcGIS training and technical support services
- Offsite data backup services
- 24/7 Web GIS access to your GIS data
- GPS equipment training and use through KMEA
- Buy up options for other utilities in your community
- Map production and utility truck book creation and printing service
- Emergency GIS response
- Integration with Kansas Homeland Security Office

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### For information about the Mutual Aid GIS Mapping Program please contact:

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## Project Overview

Through the GIS Mutual Aid Program, KMEA's goal is to meet the mapping needs and requirements of agency members that range in size, existing GIS capabilities and financial resources. These are all factors that have been considered to achieve a successful outcome. To accomplish these goals KMEA has selected Midland GIS Solutions as the GIS mapping provider for the project. This selection will provide member utilities with the expertise needed to accomplish a project of this scale, and through negotiated member pricing, all member utilities can achieve the common goal of having accurately mapped utility information for emergency mitigation and response.

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## How Does the Program Work?

- Member utilities can contact KMEA expressing interest in the GIS Mapping Program. A KMEA or Midland GIS representative will conduct a short pre-assessment survey to determine what information is available and/or required for the GIS program and how KMEA can best provide those services. This information will help determine pricing for the member utility's GIS program.
  - After the member utility decides to proceed with the GIS mapping, the next step is to collect data. Field data collection involves using GPS equipment to record the coordinates of visible system features, and when available, aerial photography can be utilized to perform precision digitizing of the electric utility features.
  - The member utility is encouraged to take an active role in the data collection and creation process. The representative of the member utility is very knowledgeable of their system and can assist the GIS Technician through the data development process.
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## What Does the Member Utility Receive?

KMEA has designed the program to be flexible due to financial constraints with the member utility and yet still meet the standards set for a standardized mutual aid response mapping program. This will allow member utilities to choose products and maintenance options dependant on their needs and requirements.

- Hard copy printed 36x36 maps
- 11x17 printed truck books
- PDF of all maps
- ESRI ArcView software
- ESRI ArcGIS 9.3 Geodatabase of electric network data
- 24/7 access to WebGIS via the internet
- Technical support and training