Emergency Support Functions Annex

ESF-12 ENERGY

ESF Coordinator:
Office of the County Administrator
Office of Emergency Management

Primary Agency:
Office of the County Administrator
Office of Emergency Management

Section:
Operations

Support Agencies:
Columbia Gas
Department of General Services
Dominion Power
Northern Virginia Electric Cooperative
Washington Gas

Branch:
Infrastructure

Group:
Energy

INTRODUCTION

Purpose

Emergency Support Function (ESF)-12 Energy provides guidance and direction to designated agencies responsible for managing, assessing, and restoring energy systems during a significant event.

Scope

ESF-12 Energy coordinates the resources necessary to manage, assess, and restore energy systems during a significant event. Activities within the scope of ESF-12 functions include: monitors and reports conditions; conducts damage assessments of energy systems and infrastructure; coordinates debris removal activities; and coordinates and establishes priorities regarding restoration activities.

Relevant Laws, Statutes, Plans, and Policies

- Loudoun County Emergency Operations Center (EOC) Policies and Procedures Guide
- Code of Virginia, Title 56 Public Service Companies, Chapter 23 Virginia Electric Utility Regulation Act

ESF Planning Assumptions

- The local energy infrastructure will likely sustain damage. The damage, depending upon the integrity of the energy network, will determine the effectiveness and efficiency of response and recovery.
Increased usage combined with damage may result in diminished service.

An extended power outage may result in communications being inaccessible for a prolonged period of time.

The ability to restore energy systems at County and public facilities is contingent upon the availability of commercial repair technicians.

Operators of critical infrastructure facilities are responsible for establishing and maintaining alternative energy sources.

**Organization**

**ESF Responsibilities**

- Reports to and takes direction from the Infrastructure Branch Director.
- Provides informational updates to the Planning Section.
- Develops plans, policies, and procedures necessary to resolve energy issues during the significant event.
- Documents information and actions related to energy missions and assignments.
- Utilizes current methods and procedures to process requests for assistance.
- Submits a detailed record of costs and expenditures to the Finance and Administration Section.

**Agency Roles and Responsibilities**

**Office of Emergency Management (OEM)**

- The agency recognized with ESF coordination. OEM is responsible for overall ESF leadership and coordination associated with energy systems and restoration during a significant event. Emergency operational policies and procedures developed by OEM provide the framework for carrying out these activities.

**Department of General Services (DGS)**

- Serves as the department with primary responsibility for documenting, reporting, and assessing emergency systems within County and public facilities.

**Energy Providers**

- Provides personnel and equipment to assist with assessment and restoration of energy systems.
Serves as primary liaison between provider and EOC for the purposes of reporting service interruptions and providing ongoing status updates.

### MISSIONS AND ASSIGNMENTS

**Mission 1:** Coordinates the resources necessary to manage, assess, and restore energy systems during a significant event.

- **Assignment 1-1:** Identifies, prioritizes, procures, and allocates available resources to maintain and restore essential energy systems.
- **Assignment 1-2:** Considers future (in the subsequent 12 to 24-hour period) resource requirements and conveys to EOC leadership.

**Mission 2:** Provides situational updates regarding energy systems and infrastructure conditions.

- **Assignment 2-1:** Maintains and updates information related to critical infrastructure damage and restoration activities.

**Mission 3:** Conducts damage assessments and documents, analyzes, and reports results.

- **Assignment 3-1:** Assesses the condition of integral components of energy systems.

**Mission 4:** Coordinates debris removal activities.

- **Assignment 4-1:** Coordinates with ESF-3 Public Works and Engineering to ensure debris removal activities impacting energy systems are managed in a collaborative, timely manner.

**Mission 5:** Coordinates and establishes priorities regarding restoration activities.

- **Assignment 5-1:** Coordinates with commercial service providers to monitor and restore commercial service.