

INTRODUCTION

In order to address a range of possible concerns regarding security in energy siting the Connecticut Siting Council (Council) issues this policy document "*Best Management Practices for the Security of Siting Energy Facilities in Connecticut*". The Connecticut Legislature passed Public Act 07-242, "An Act Concerning Electricity and Energy Efficiency" and Governor M. Jodi Rell signed it into law in 2007. These Best Management Practices are designed to comport with relevant parts of the Public Act. Section 8 of Public Act 07-242 states:

Not later than September 1, 2007, the Connecticut Siting Council, in consultation with the Emergency Management and Homeland Security Coordinating Council, established pursuant to sections 28-1b of the general statutes, and the Department of Public Utility Control shall initiate a contested case proceeding, in accordance with the provisions of chapter 54 of the general statutes, to investigate energy security with regard to the siting of electric generating facilities and transmission facilities, including consideration of planning, preparedness, response and recovery capabilities. The Connecticut Siting Council may conduct such proceedings in an executive session with sensitive information submitted under a protective order.

This guide is intended to present discussion points the Council could consider in regards to security when reviewing a proposed electric generating facility, transmission facility, or electric substation. Discussing such issues in the application process will improve the Council's scope of review. The Council's expertise in siting of electric generating, transmission, and substation facilities will provide a unique insight for security concerns.

These Best Management Practices will not only be used during their review of such proposed facilities, but will also promulgate policy and guide industry leaders in method and manner to secure operations in Connecticut. The criteria presented in this guide should be evaluated by applicants in their initial filing as much as practicable. In processing such a filing, a period of discovery will further aide the Council in developing a full record.

In accordance with Section 8 of Public Act 07-242, the Council will examine the following topics as they relate to the security of electric generating, transmission, and substation facilities: Planning, Preparedness, Response and Recovery.

A. PLANNING

1. Identification

Identify of the types of security threats to a facility.
Identify specific vulnerabilities.

2. Facility type/characteristics

Identification of the type and characteristics of the facility.
Description of the facility setting and how the setting affects security concerns.
Importance of the facility - What other facilities/systems rely on this facility?

3. Interdependencies

Examine how the facility is linked to other facilities and systems and potential repercussions from a facility or system interruption.
An examination of how the setting (co-location) of the facility could affect neighboring independent or dependent facilities and systems.

4. Awareness

Examine how vulnerability information is disseminated to employees as well as the public.
Discussion with other industry members or appropriate government agencies to share information regarding threats and countermeasure.

B. PREPAREDNESS

1. Support infrastructure

Examine mechanical systems, physical and non-physical barriers, access control, personnel, and redundant systems required to achieve site security.
Examine types of site monitoring required for manned and unmanned facilities.

2. Personnel

Establishment of a local law enforcement/emergency response liaison.
Mutual Aid Agreements and Emergency Management Assistance Compacts.
Personnel Qualifications and Certifications.
Employee Training.
Simulation and Exercises, including local police, fire, and other emergency response teams.

C. RESPONSE

1. Access to information

Examine notification procedures.
Levels of notification depending on type of security issue.
Proper notification to ensure proper employee and or emergency response.

2. Mitigation

Mitigation measures including alternate routing of power, strategically located spares, recovery procedures, redundancy, mutual assistance, mobile backup generation.

D. RECOVERY

1. Recovery Measures

Effective generation re-dispatch plan.

Adequate testing of system or system components prior to restart.

Established communication procedure to ensure restart does not negatively impact other systems or facilities operating under contingency measures.

2. Reporting

Final reporting to determine weakness in security plan and methods to counteract such weakness.

Analysis of notification and response actions followed by recommendations to improve response efficiency.