

Selective Coordination for Emergency and Legally-Required Standby Power Distribution Systems

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Topics

- 2005 NEC Requirements
- What is selective coordination?
- Issues with the 2005 NEC Requirements
- Overcurrent Protective Device Characteristics
- Specific Guidelines for Achieving Selectivity

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2005 NEC Requirements

- Definition of Emergency System per NEC 700.1:
Emergency Systems are those systems legally required and classed as emergency by municipal, state, federal, or other codes, or by any governmental agency having jurisdiction. These systems are intended to automatically supply illumination, power, or both, to designated areas and equipment in the event of failure of the normal supply or in the event of accident to elements intended to supply, distribute, and control power and illumination essential to human life.

2005 NEC Requirements