

EXHIBIT 700.5 Emergency load arranged to be supplied from a generator, as permitted by 700.12(D).

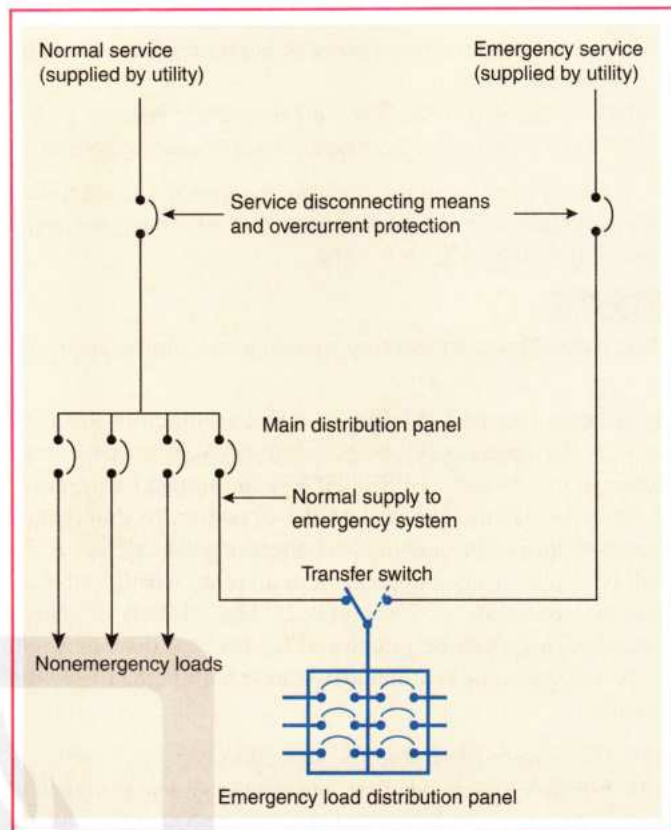


EXHIBIT 700.6 Emergency load arranged to be supplied from two widely separated services, as permitted by 700.12(F).

Disconnecting means and overcurrent protection (see Exhibits 700.5 and 700.6) must be provided for emergency systems as required by Articles 225 and 230.

(A) Power Source Considerations. In selecting an emergency source of power, consideration shall be given to the occupancy and the type of service to be rendered, whether of minimum duration, as for evacuation of a theater, or longer duration, as for supplying emergency power and lighting due to an indefinite period of current failure from trouble either inside or outside the building.

Δ (B) Equipment Design and Location. Equipment shall be designed and located so as to minimize the hazards that might cause complete failure due to flooding, fires, icing, and vandalism.

The design and selection of a location must consider all hazards, including geographical, that could impair reliability. See Exhibit 700.7.

Equipment for sources of power as described in 700.12(C) through (H) shall be installed either in spaces fully protected by approved automatic fire protection systems or in spaces with a 2-hour fire rating where located within the following:

- (1) Assembly occupancies for more than 1000 persons
- (2) Buildings above 23 m (75 ft) in height
- (3) Educational occupancies with more than 300 occupants



EXHIBIT 700.7 Alternate source of power in a heated and secure enclosure that is in an area not subject to flooding. (Courtesy of the International Association of Electrical Inspectors)

Informational Note No. 1: See NFPA 101-2021, *Life Safety Code*, Section 6.1, for information on occupancy classifications.

Informational Note No. 2: See IEEE 3006.5-2014, *Recommended Practice for the Use of Probability Methods for Conducting a Reliability Analysis of Industrial and Commercial Power Systems*, for information regarding power system reliability.