

# New York Electrical Inspection Agency 2023 National Electrical Code - Summary

## 230.85 Exterior Emergency Disconnect(s) for One- and Two-Family Dwelling Units

### NEC 230.85 – Emergency Disconnect Requirements

**Applicability:** Emergency Disconnects are required for one- and two-family dwellings. Applies when new service equipment is installed or replaced (except for meter sockets, conductors, or fittings only).

**Location:** Disconnect must be in a readily accessible outdoor location, and within sight of the dwelling.

**Rating:** Disconnect must have a short-circuit current rating  $\geq$  available fault current.

**Grouping:** Multiple disconnects must be grouped together.

#### Types Allowed:

1. Service disconnect
2. Meter disconnect integral to meter equipment (not marked 'service only')
3. Listed disconnect/circuit breaker suitable for service equipment (not marked 'service only') on supply side

**Other Energy Sources:** If isolation disconnects for generators, PV, batteries, etc. are not adjacent, a plaque or directory must identify their location.

#### Marking Requirements:

1	Service Disconnect	"EMERGENCY DISCONNECT, SERVICE DISCONNECT"
2	Meter Disconnect	"EMERGENCY DISCONNECT, METER DISCONNECT, NOT SERVICE EQUIPMENT"
3	Other Disconnects	"EMERGENCY DISCONNECT, NOT SERVICE EQUIPMENT"

Markings must be on the outside front, red background with white letters, at least ½" high, and comply with NEC 110.21(B).



230.85 (1)(1) Service Disconnect

EMERGENCY DISCONNECT,  
SERVICE DISCONNECT



230.85(1)(2) Meter disconnects installed in accordance with 230.82(3) and marked as follows:

EMERGENCY DISCONNECT,  
METER DISCONNECT,  
NOT SERVICE EQUIPMENT



230.85(1)(3) Other listed disconnect switches or circuit breakers on the supply side of each service disconnect that are marked suitable for use as service equipment and marked as following:

EMERGENCY DISCONNECT,  
NOT SERVICE EQUIPMENT