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LARRY S. FISHER
CHAIRMAN

June 6, 2024

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230.67, 215.18, 225.42

Board of Fire Prevention Regulations
527 CMR 12:00 Interpretation Committee
Department of Fire Services
PO Box 1025, State Road
Stow, MA 01775

Request for interpretation submitted by Steve Connolly on April 26, 2024.

Background:

Request for Interpretation Relative to 527 CMR 12.00, 230.67, 215.18, 225.42.

Question # 1: Are PV or ESS considered dwelling unit loads in respect to article 230.67, 215.18 and 225.42?

Response: No Response

Motion made by Paul Kennedy, seconded by Leo Martin. All in favor. Motion Carries.

Question # 2: If the service equipment is relocated to a new enclosure that contains no branch circuit loads. But does contain devices for voltage and amperage monitoring and grid isolation as well as PV and ESS connections. Is an SPD allowed to be installed in the next level distribution panel downstream toward the loads, which was previously the main service panel? Per 230.67

Response: No Response

Motion made by Paul Kennedy, seconded by Leo Martin. All in favor. Motion Carries.

Question # 3: If the service equipment is not replaced or relocated. And new equipment that contains devices for monitoring, microgrid isolation, and PV and ESS connection, is installed between the service equipment and the existing dwelling branch circuit load center. Is an SPD required per 230.67 in the branch circuit load center?

Response: No Response

Motion made by Paul Kennedy, seconded by Jim Rogers. All in favor. Motion Carries.

Question # 4: If the service equipment is not replaced or relocated. And new equipment that contains devices for monitoring, microgrid isolation, and PV and ESS connection, is installed between the service equipment and the existing dwelling branch circuit load center. Is an SPD required per 215.18 or 225.42 in the branch circuit load center?

Response: No Response

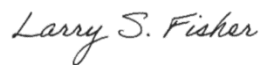
Motion made by Paul Kennedy, seconded by Leo Martin. All in favor. Motion Carries.

Question # 5: If a new feeder and distribution panel for PV and ESS loads only is installed. Is an SPD required for the distribution equipment associated with those systems. Per 215.18 or 225.42?

Response: Yes

If you have any questions or need any additional information, please contact me.

Sincerely,



Larry S. Fisher, Chairman
Board of Fire Prevention Regulations