

New Research Group Proposal

Date	Oct 16 2024
Rev #	0

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Title	Addressing NFPA 70B 2023: Alignment and Adaptation Strategies for IEEE Switchgear Standards					
Deliverable	Quick feasibility (0-6 mon)		White paper (6 – 12 mon)		Technical Report (1-3 years)	
	X					
Affected subcommittees	HVCB	RODE	HVF	HVS	SA	LVSD
	X	X	X	X	X	X
Affected IEEE committees	Switchgear-specific					
Other	NEC/NFPA 70E					

Background information:

In 2023, the NFPA 70B Standard for Electrical Equipment & Maintenance transitioned from a recommended practice to a formal standard, introducing new requirements for switchgear. The IEEE Switchgear Committee has established comprehensive standards and maintenance requirements that address many of these areas. This proposal aims to evaluate the alignment of our existing standards with the updated NFPA 70B requirements.

Scope of Work and deliverables:

The aim of this project is to produce a comprehensive document that addresses the 2023 revision of NFPA 70B, incorporating insights from NETA Conference papers relevant to the new requirements. The document will analyze the implications of these changes, evaluate their alignment with existing IEEE standards, and provide actionable recommendations for adapting our standards and maintenance practices accordingly. Deliverables will include a detailed report outlining the findings, recommendations for revisions, and a proposed action plan for implementation.

Comments from T&I Chair	ADSCOM approved and turned over T&I.	
Approval by T&I subcommittee		
Date	Oct 16, 2024	
Research group timing	Start	Finish
	Oct 16, 2024	April 10, 2025