

How often should relay protection certificates be reviewed



Overview

110 (4), ER (Electricity Regulations) 1994; any protective relay and device of an installation will need to be checked, tested and calibrated by a competent person at least once every two years, or at any time as directed by the Energy Commission. This utility standard establishes the requirements for testing and maintaining protection systems, automatic reclosing, and sudden pressure relaying. This document also directs personnel to follow the utility procedures in the Protective Equipment Standard Test Procedures (PESTP) Manual and the. NERC currently has four Reliability Standards that are mandatory and enforceable within the jurisdiction of the ERO and address various aspects of maintenance and testing of Protection and Control Systems. These standards are: PRC-005-1. This criterion applies to each Transmission Operator or Transmission Owner (as specified in Section B) of a transmission path in the Attachment A -. How intelligence can help simplify electrical maintenance.



Article Content

May 03, 2026

By law, protective relay calibration is required once every two years ...

According to Reg. 110 (4), ER (Electricity Regulations) 1994; any protective relay and device of an installation will need to be checked, tested and calibrated by a competent person at least once every ...

Dec 01, 2025

Certification of Protective Relay Applications and Settings

Data will be retained in electronic form for at least one year. The retention period will be evaluated before expiration of one year to determine if a longer retention period is necessary.

Jun 18, 2026

Supplementary Reference and FAQ

NERC currently has four Reliability Standards that are mandatory and enforceable within the jurisdiction of the ERO and address various aspects of maintenance and testing of Protection and ...

Jan 12, 2026

Protection System Maintenance Program following NERC PRC ...

Generation owners, transmission owners, and distribution providers are required to establish, implement, and maintain a documented maintenance program for their protection systems.

Dec 24, 2025

Understanding NERC Standard PRC-005-6 | EPE

All covered components must be maintained per defined tasks and maximum intervals, unless the entity uses performance-based maintenance, which evaluates actual performance over time to determine ...

May 08, 2026

Understanding 2023 NFPA 70B

Maintenance intervals are now a primary focus. Chapter 9 of NFPA 70B now provides mandatory scopes of work and maintenance intervals broken out by product type and based on an equipment ...

Mar 08, 2026

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Feb 24, 2026

TD-3323S

The protection scheme may have a shorter overall maintenance interval due to the presence of unmonitored components (e.g., electromechanical lockout relays directly in the trip path) that require ...

Sep 12, 2025

Protective Relay Maintenance and Application Guide

When required to operate because of a faulted or undesirable condition, it is imperative that protective relays function correctly. A strong maintenance and test program will ensure protective relays ...

Aug 16, 2025

How often should protection relays be tested?

According to ANSI/NFPA 70B, relays in industrial settings should be tested every two years. IEC and other standards dictate a maximum of three years between tests.

Mar 10, 2026

NERC PRC-005-6 Compliance Guide: Maintenance & Testing | PCS

On January 1, 2016, the current revision of PRC-005-6 became mandatory and enforceable. The revision captured months of significant efforts and numerous concurrently executed ...

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