



NORTHEAST POWER COORDINATING COUNCIL, INC.
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From: John Muir
Sent: Thursday, February 19, 2015 9:43 AM
To: Certrec1 (joe.leavines@certrec.com)
Cc: Lee R. Pedowicz; Gerard J. Dunbar
Subject: RE: PRC-006-NPCC-1 relay setting question

Joe,

As per the Webinar presented on 7/9/13, which is available on the NPCC Website at <https://www.npcc.org/Compliance/Compliance%20Webinars/Forms/Public%20List.aspx>, 'on the curve' would be acceptable. See below for extract from that presentation (page 23.)

Generator Tripping

NPCC Regional Standard R13 says GO shall set UF trip relay "below" the curve

Compliance clarification: "on or below the curve" is acceptable to show compliance with R13 of PRC-006-NPCC-01

Background:

NPCC Directory 12 Section 5.4.2: States generator shall "not" be tripped for UF conditions in area "above the curve" shown in Figure 1.

Looking at NPCC Directory 12 Figure 1: Contains text that allows generator setting for UF protection to "trip on or below the curve" without further compensatory load shedding.

John Muir
Manager, Compliance Monitoring & Certification
NPCC, Inc.

From: Joe Leavines [<mailto:joe.leavines@certrec.com>]

Sent: Thursday, February 05, 2015 8:51 AM

To: Standards

Subject: PRC-006-NPCC-1 relay setting question

My question is in regard to figure one. If a plant has a relay set at exactly 57.00 Hz with a time delay of 30 cycles (0.5 seconds), is that plant compliant? This value lies exactly on the curve and the standard does state that relays must be set below the curve. Would a plant with the setting exactly on the curve have to reset the relay down a bit or if not able to set it down, have to engage in the compensatory load shedding portion of the standard?

If there is a contact number that I could call to discuss this, I would appreciate it.

Thank you,

Joe Leavines

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