

Consideration of Directives

Project 2007-17.4 – PRC-005 Order 803 Directive

April 22, 2015

Project 2007-17.4 – PRC-005 Order 803 Directive

Issue or Directive	Source	Consideration of Issue or Directive
<p>In Order No. 803, FERC approved Standard PRC-005-3 and, in Paragraph 31, directed NERC to:</p> <p>"...direct that, pursuant to section 215(d)(5) of the FPA, NERC develop modifications to PRC-005-3 to include supervisory devices associated with auto-reclosing relay schemes to which the Reliability Standard applies. Further, we clarify that NERC's proposal regarding the scope of supervisory devices is an acceptable approach to satisfy the Commission directive. Specifically, NERC proposed in its NOPR comments, and we find acceptable, that the scope of the supervisory devices to be encompassed in the Reliability Standard are those providing voltage supervision, supervisory inputs associated with selective auto-reclosing, and sync-check relays that are part of a reclosing scheme covered by PRC-005-3."</p>	<p>FERC Order 803 approving Reliability Standard PRC-005-3, P Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance</p>	<p>The Protection System Maintenance and Testing Standard Drafting Team (PSMTSDT) proposed revision of the standard specific defined terms "Automatic Reclosing" and "Component Type" as follows:</p> <p>Automatic Reclosing – Includes the following Components:</p> <ul style="list-style-type: none"> • Reclosing relay • Supervisory relay(s) – relay(s) that perform voltage and/or sync check functions that enables or disables operation of the reclosing relay • Voltage sensing devices associated with the supervisory relay(s) • Control circuitry associated with the reclosing relay or supervisory relay(s) <p>Component Type –</p>

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		<ul style="list-style-type: none"> • Any one of the five specific elements of a Protection System. • Any one of the two four specific elements of Automatic Reclosing. • Any one of the two specific elements of Sudden Pressure Relaying. <p>The Rationales for “Automatic Relaying” and “Component Type” were also revised to reflect the proposed revisions to the defined terms above. Tables 4-1 and 4-2 were updated by adding “supervisory relay(s)” as appropriate. A new Table 4-3 was added to address maintenance activities and intervals for Automatic Reclosing with supervisory relays. No substantive revisions are being proposed for the Requirements of the standard. The only revisions to Requirements R1 and R3 included updating the Table numbering to reflect the addition of Table 4-3. The VSLs were updated to reflect the Requirement language for R1 and R3. All references to table numbering throughout the standard have also been corrected to reflect the addition of Table 4-3. This version of PRC-005 used PRC-005-5 developed under Project 2014-01 as the starting point for revisions to address the directive.</p>