

Ontario Enforcement Dates for PRC-005-2(i) and PRC-005-6 Implementation Plans - For Existing and Newly Identified BES Elements

Alignment of PRC-005 Ontario Compliance Dates

Subsequent to the approval of PRC-005-2, a number of versions made to PRC-005-2 were approved with different implementation plans for each version. The existence of the numerous implementation plans and the short period of time given to market participants to review and identify their assets subject to the revised PRC-005 versions could lead to misinterpretations and inconsistencies regarding compliance with these versions.

To address this issue, NERC has aligned the effective dates of the revised PRC-005 versions with the recently approved PRC-005-6 version and simplified the implementation schedule. Having revised PRC-005 versions (namely PRC-005-2(ii), PRC-005-3(i), PRC-005-3(ii), PRC-005-4 and PRC-005-5) become effective at the same time through a single, unified PRC-005-6 Reliability Standard and associated implementation plan, will provide market participants with additional time, thus minimizing the possibility of misinterpretations that may arise from multiple PRC-005 versions.

Clarification: Compliance Obligation for PRC-005-2(i) Carry Forward

The phased implementation approach included in the approved PRC-005-2(i) (PRC-005-2 has been retired by PRC-005-2(i)) will remain as-is and is carried forward and incorporated by reference in PRC-005-6¹.

Below, please find the Ontario Enforcement Dates for PRC-005-2(i) and PRC-005-6:

¹ Newly identified BES elements will not be required to have a Protection System Maintenance Program (PSMP) in place for the any current or previous version of PRC-005 immediately on July 1st, 2016. Newly identified BES elements will have until the Ontario enforcement date of October 1st, 2016 (as per the Implementation Plan) for PRC-005-2(i) to establish a PSMP as per Requirement R1 and R2 of that standard.

Existing BES elements who have already transitioned from the previous PRC-005-1 to PRC-005-2 or later versions, will be required to maintain their Protection System components within their defined maximum maintenance intervals in accordance with the current-in-force PSMPs, while at the same time ensuring that the Ontario enforcement dates for PRC-005-2(i) and PRC-005-6 are also met.

Protection System maintenance/testing completed prior to July 1, 2016:

Previously performed Protection System maintenance/testing which was completed prior to July 1, 2016, on newly identified BES facilities can be credited towards the IESO Implementation Plan milestones for PRC-005-2(i) and PRC-005-6.

Ontario Enforcement Dates for PRC-005-2(i) Implementation Plan

Standard Requirements	% Compliant	Enforcement Date	
		Existing BES Elements:	Newly Identified BES Elements:
Requirements R1, R2 and R5	100%	April 1, 2016 (12 mo. following April 1, 2015 Ontario enforcement date for standard)	October 1, 2016
Requirements R3 and R4 :			
Protection System component maintenance activities specified in Table 1-1 through Table 1-5 ² :			
• Less than 1 year	100%	October 1, 2016 (18 mo. following April 1, 2015 Ontario enforcement date for standard)	
• 1-2 calendar years	100%	April 1, 2018 (36 mo. following April 1, 2015 Ontario enforcement date for standard)	
• 3 calendar years	30%	April 1, 2017 (24 mo. following April 1, 2015 Ontario enforcement date for standard)	
• 3 calendar years	60%	April 1, 2018 (36 mo. following April 1, 2015 Ontario enforcement date for standard)	
• 3 calendar years	100%	April 1, 2019 (48 mo. following April 1, 2015 Ontario enforcement date for standard)	
Protection System component maintenance activities specified in Table 1-1 through Table 1-5 and Table 3:			
• 6 calendar years	30%	April 1, 2018 (36 mo. following April 1, 2015 Ontario enforcement date for standard)	
• 6 calendar years	60%	April 1, 2020 (60 mo. following April 1, 2015 Ontario enforcement date for standard)	

²For Market Participants with generating units that are on long-term outage with an expected return to service date beyond April 1, 2022, market participants will be required to complete the tests within six (6) months from return of service.

For Market Participants with a piece of equipment on long term outage that will prevent it from meeting the Ontario based PRC-005-2(i) and PRC-005-6 implementation plan milestones, Market Participants will be required to complete the tests within six (6) months from return of service.

<ul style="list-style-type: none"> 6 calendar years 	100%	April 1, 2022 (84 mo. following April 1, 2015 Ontario enforcement date for standard)
Protection System component maintenance activities specified in Table 1-1 through Table 1-5 and Table 2 and Table 3:		
<ul style="list-style-type: none"> 12 calendar years 	30%	April 1, 2020 (60 mo. following April 1, 2015 Ontario enforcement date for standard)
<ul style="list-style-type: none"> 12 calendar years 	60%	April 1, 2024 (108 mo. following April 1, 2015 Ontario enforcement date for standard)
<ul style="list-style-type: none"> 12 calendar years 	100%	April 1, 2028 (156 mo. following April 1, 2015 Ontario enforcement date for standard)

Ontario Enforcement Dates for PRC-005-6 Implementation Plan		
Standard Requirements	% Compliant	Enforcement Date
		For Existing BES Elements and Newly Identified BES Elements
Requirements R1, R2 and R5	100%	April 1, 2017 (first day of the first calendar quarter 12 mo. following March 18, 2016 Ontario enforcement date)
Requirements R3 and R4 :		
Protection System component maintenance activities specified in Table 4-1, Table 4-2(a), Table 4-2(b) and Table 4-3 and Table 5 (PRC-005-6)		
<ul style="list-style-type: none"> 6 calendar years 	30%	April 1, 2019 (first day of the first calendar quarter 36 mo. following March 18, 2016 Ontario enforcement date for standard)
<ul style="list-style-type: none"> 6 calendar years 	60%	April 1, 2021 (first day of the first calendar quarter 60 mo. following March 18, 2016 Ontario enforcement date for standard)
<ul style="list-style-type: none"> 6 calendar years 	100%	April 1, 2023 (first day of the first calendar quarter 84 mo. following March 18, 2016 Ontario enforcement date for standard)
<ul style="list-style-type: none"> 12 calendar years 	30%	April 1, 2021 (first day of the first calendar 60 mo. following March 18, 2016 Ontario enforcement date for standard)
<ul style="list-style-type: none"> 12 calendar years 	60%	April 1, 2025 (first day of the first calendar 108 mo. following March 18, 2016 Ontario enforcement date for standard)

<ul style="list-style-type: none">• 12 calendar years	100%	April 1, 2029 (first day of the first calendar 156 mo. following March 18, 2016 Ontario enforcement date for standard)
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