

## **"NERC Standard Watch List" Disclaimer**

This NERC Standards Watch List is intended for informational purposes only.  
It is simply a tool for use in ERCOT's NERC Reliability Working Group (NRWG).

All of the information contained herein is available publically.

Although it is correct to the best of my knowledge, I cannot guarantee the accuracy of its contents.

If something seems incorrect to you, verify it.

If you know of any errors, please let me know so I can make any necessary corrections.

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# NERC Standards Watch List

Updated: 5/14/13

LEGEND:	Phase Complete
	New Info

STANDARDS PENDING REGULATORY APPROVAL This list excludes standards that were not approved by FERC in Order 693. Refer to NERC's "pending regulatory approval standards" list.											
Project	Standard	Title	Applicable Entities	SAR / Interpretation Request	Industry Stakeholder Process	NERC BOT Approval	NERC Petition for Approval	FERC NOPR	FERC Order	Implementation Plan Summary	Comment
2008-10	CIP-006-3d or -4d	Cyber Security — Physical Security of Critical Cyber Assets	All	4/2/2008	12/19/2011	2/9/2012	5/23/2012	n/a	Remanded: 3/21/2013		Interp re ESP wiring external to a PSP; RD12-3-000
2010-INT-05	CIP-002-3a or -4a	Cyber Security — Critical Cyber Asset Identification	All	7/27/2010	4/30/2012	5/9/2012	8/1/2012	n/a	Remanded: 3/21/2013		Interp re "essential to the op of a CA"; RD12-5-000
2006-02	TPL-001-2	Transmission System Planning Performance Requirements	PC, TP	4/30/2006	7/22/2011	8/4/2011	10/19/2011	NOPR proposing remand: 4/19/2012			Related to Order 762
2011-INT-01	MOD-028-2	Area Interchange Methodology	TOPs & TSPs that use Area Interchange Methodology to calc TTC & ATC, respectively	8/30/2011	12/22/2011	2/9/2012	8/24/2012	3/21/2013			RapidRev re timing/freq of TTC calcs for ATC calc; RM12-19-000
2010-07	FAC-001-1	Facility Connection Requirements	TO, Applicable GOs	11/30/2010	12/23/2011	2/9/2012	7/30/2012	4/18/2013			Generator Req'mts at the Trans Interface; RM12-16-000
2010-07	FAC-003-3	Transmission Vegetation Management	Applicable TOs, Applicable GOs	11/30/2010	5/3/2012	5/9/2012	7/30/2012	4/18/2013			Generator Req'mts at the Trans Interface
2010-07	PRC-004-2.1a	Analysis and Mitigation of Transmission and Generation Protection System Misoperations	GO, TO, DPs that own trans Protection Sys	11/30/2010	12/23/2011	2/9/2012	7/30/2012	4/18/2013			Generator Req'mts at the Trans Interface
2010-07	PRC-005-1.1b	Transmission and Generation Protection System Maintenance and Testing	GO, TO, DPs that own trans Protection Sys	11/30/2010	5/3/2012	5/9/2012	7/30/2012	4/18/2013			Generator Req'mts at the Trans Interface
2008-06	CIP-002-5 through CIP-011-1	Cyber Security	All	2008	11/5/2012	11/26/2012	1/31/2013	4/18/2013			CIP v5; RM13-5
2009-01	EOP-004-2	Event Reporting	BA, DP, GO, GOP, TO, GOP, RC	4/15/2009	11/5/2012	11/7/2012	12/31/2012				Combines CIP-001-1 and EOP-004-1
2009-19	BAL-002-1a	Disturbance Control Performance	BA, Reserve Sharing Groups, RRO	9/2/2009	10/8/2012	11/7/2012	2/12/2013				Interpretation of R4 & R5
n/a	VAR-001-3	Voltage and Reactive Control	LSE, PSE, TOP and GOPs in	WECC Regional Process	12/5/2011	5/9/2012	2/25/2013				WECC Regional Variance
2007-17	PRC-005-2	Protection System Maintenance	DP, GO, TO	1st SAR 5/7/2007 2nd SAR 8/4/2011	10/24/2012	11/7/2012	2/26/2013				Combines PRC-008, -011, -017 with PRC-005
2010-11	TPL-001-4 or TPL-003-2a & TPL-004-2	TPL Table 1, Footnote B	PC, TP	4/14/2010	1/31/2013	2/7/2013	2/28/2013				Related to FERC Order 762; approved by NERC BOT as TPL-001-3 but discrepancy IDed and corrected; retires TPL-001-0.1, TPL-002-0b, TPL-003-0a, and TPL-004-0
2013-02	Paragraph 81	Paragraph 81	various	9/12/2012	1/17/2013	2/7/2013	2/28/2013				Removes requirements from 20 standards
2007-12	BAL-003-2	Frequency Response	BA	6/30/2007	12/21/2012	2/7/2013	3/29/2013				Frequency Response
2010-INT-01	TOP-006-3	Monitoring System Conditions	BA, GOP, TOP, RC	1/20/2010	9/21/2012	11/7/2012	4/4/2013				RapidRev re reporting and tech info responsibilities; RM13-12
2012-INT-02	TPL-003-0b and TPL-004-0a	System Performance Following Loss of Two or More BES Elements (Category C) System Performance Following Extreme Events Resulting in the Loss of Two or More BES Elements (Category D)	PA, TP	12/12/2011	1/31/2013	2/7/2013	4/12/2013				Interpretation related to FERC Order 754; coordinated with petition for approval of TPL-001-4
2006-06	IRO-001-3	Reliability Coordination – Responsibilities and Authorities	BA, DP, GOP, TOP, RC	5/1/2007	7/6/2012	8/16/2012	4/16/2013				Reliability Coordination; includes retirement of IRO-001-1.1, IRO-002-2; IRO-005-3a, IRO-014-1, IRO-015-1 and IRO-016-1; requests simultaneous approval with TOP stds; RM13-15
2006-06	IRO-002-3	Reliability Coordination — Analysis Tools	RC	5/1/2007	7/25/2011	8/4/2011	4/16/2013				see IRO-001-3 (above)
2006-06	IRO-005-4	Reliability Coordination — Current Day Operations	RC	5/1/2007	7/25/2011	8/4/2011	4/16/2013				see IRO-001-3 (above)
2006-06	IRO-014-2	Coordination Among Reliability Coordinators	RC	5/1/2007	7/25/2011	8/4/2011	4/16/2013				see IRO-001-3 (above)

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2007-03	TOP-001-2	Transmission Operations	BA, DP, GOP, LSE, TOP	8/6/2007	5/6/2012	5/9/2012	4/16/2013				RT Transmission Ops; includes retirement of TOP-001-1a, TOP-002-2.1b, TOP-003-1, TOP-004-2, TOP-005-2a, TOP-006-2, TOP-007-0, TOP-008-1, PER-001-0.2; requests simultaneous approval with IRO stds; RM13-14
2007-03	TOP-002-3	Operations Planning	TOP	8/6/2007	5/6/2012	5/9/2012	4/16/2013				see TOP-001-2 (above)
2007-03	TOP-003-2	Operational Reliability Data	BA, DP, GO, GOP, IA, LSE,	8/6/2007	5/6/2012	5/9/2012	4/16/2013				see TOP-001-2 (above)
2007-03	PRC-001-2	System Protection Coordination	BA, GOP, TOP	8/6/2007	5/6/2012	5/9/2012	4/16/2013				see TOP-001-2 (above)
2012-08.1 Phase 1	Definition revision	"Bulk-Power System," "Reliability Standard" and "Reliable Operation"	n/a	5/10/2012	4/29/2013	5/9/2013	5/10/2013				Statutory definitions to NERC Glossary of Terms
2006-06	COM-001-2	Communications	BA, DP, GOP, TOP, RC	5/1/2007	9/17/2012	11/7/2012					Reliability Coordination
2006-06	COM-002-3	Communication and Coordination	BA, DP, GOP, TOP, RC	5/1/2007	7/6/2012	11/7/2012					Reliability Coordination
2007-09	MOD-025-2	Verification and Data Reporting of Generator Real and Reactive Power Capability and Synchronous Condenser	GO, TOs w/ sync condenser(s)	6/14/2007	12/21/2012	2/7/2013					Generator Verification
2007-09	MOD-026-1	Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions	GO, TP	6/14/2007	12/21/2012	2/7/2013					Generator Verification
2007-09	MOD-027-1	Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions	GO, TP	6/14/2007	12/21/2012	2/7/2013					Generator Verification
2007-09	PRC-019-1	Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection	GO, TOs w/ sync condenser(s)	6/14/2007	12/21/2012	2/7/2013					Generator Verification
2007-09	PRC-024-1	Generator Frequency and Voltage Protective Relay Settings	GO	6/14/2007	3/27/2013	5/9/2013					Generator Verification
2009-22	COM-002-2a	Communications and Coordination	BA, GOP, TOP, RC	10/2/2009	12/23/2011	2/9/2012					Interp re "directives" for emergencies or normal ops
2012-INT-05	CIP-002-3	Critical Cyber Asset Identification	All	2/24/2011	1/23/2013	2/7/2013					Interp re applicability of R1.2.5 to AMI systems
n/a	BAL-001-1	Real Power Balancing Control Performance	BA	n/a	n/a	12/19/2012					WECC Regional Variance
n/a	NUC-001-2.1	Nuclear Plant Interface Coordination	Nuc GOP, Transmission	n/a	n/a	4/11/2012					WECC Regional Variance
n/a	PRC-001-1.1	System Protection Coordination	BA, GOP, TOP	n/a	n/a	4/11/2012					Errata approved by Standards Committee
n/a	BAL-001-TRE-1	Primary Frequency Response in the ERCOT Region		n/a	TRE BOT approval: 4/23/2013						

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STANDARDS SUBJECT TO FUTURE ENFORCEMENT <small>This list includes standards that have achieved FERC approval</small>												
Project	Standard	Title	Enforcement Date	Applicable Entities	SAR	Industry Stakeholder Process	NERC BOT Approval	NERC Petition for Approval	FERC NOPR	FERC Order	Implementation Plan Summary	Comment
2006-03	EOP-001-2.1b	Emergency Operations Planning	7/1/2013	BA, TOP	10/26/2006	5/18/2009	8/5/2009	12/31/2009	11/17/2010	Issued 3/17/2011 Fed Reg 3/23/2011 Effective 5/23/2011	1st day of 1st cal qtr 24 mo after FERC approval	Order 749 & Letter Order for errata
2006-03	EOP-005-2	System Restoration from Blackstart Resources	7/1/2013	GOP, TOP & DP, TO IDed in a TOP restoration plan	10/26/2006	5/18/2009	8/5/2009	12/31/2009	11/17/2010	Issued 3/17/2011 Fed Reg 3/23/2011 Effective 5/23/2011	1st day of 1st cal qtr 24 mo after FERC approval	Order 749
2006-03	EOP-006-2	System Restoration Coordination	7/1/2013	RC	10/26/2006	5/18/2009	8/5/2009	12/31/2009	11/17/2010	Issued 3/17/2011 Fed Reg 3/23/2011 Effective 5/23/2011	1st day of 1st cal qtr 24 mo after FERC approval	Order 749
2006-04	EOP-008-1	Loss of Control Center Functionality	7/1/2013	BA, RC, TOP	10/26/2006	7/26/2010	8/5/2010	2/11/2011	n/a	Issued 4/21/2011 Fed Reg 4/28/2011 Effective 6/27/2011	1st day of 1st cal qtr 24 mo after FERC approval	RD11-4-000
2010-17 Phase 1	Definition Revision	Bulk Electric System (BES)	7/1/2013	n/a	12/17/2010	11/21/2011	1/18/2012	1/25/2012	6/22/2012	Issued 12/20/2012 Fed Reg 1/4/2013 Effective 3/5/2013	1st day of the 2nd cal qtr after FERC approval	Order 773; RM12-6-001; RM12-7-001
2010-17 Exception	BES	Rules of Procedure changes	7/1/2013	n/a	12/17/2010	10/27/2011 (comments only)	1/18/2012	1/25/2012	6/22/2012	Issued 12/20/2012 Fed Reg 1/4/2013 Effective 3/5/2013  Issued 4/18/2013	1st day of the 2nd cal qtr after FERC approval	Exception Process
2011-INT-02	VAR-002-2b	Generator Operation for Maintaining Network Voltage Schedules	7/1/2013	GO, GOP	1/28/2011	7/27/2012	8/16/2012	11/21/2012	n/a	Issued 4/16/2013 Fed Reg TBD Effective TBD	1st day of the 1st cal qtr following the date of this order	RapidRev re AVR notification during start up/shut down; RD13-2-000
2010-13	PRC-023-2 R1 (For criterion 10.1 Transmission Relay Loadability ... see cell comment)	Transmission Relay Loadability	7/1/2013	TO, GO, DP	8/12/2010	3/7/2011	3/10/2011	3/18/2011	9/15/2011	Issued 3/15/2012 Fed Reg 3/21/2012 Effective 5/7/2012	1st day of 1st cal qtr 12 mo after FERC approval	RM11-16-000; Order No. 759
2007-01	EOP-003-2	Load Shedding Plans	10/1/2013	BA, TOP	3/28/2007	10/28/2010	11/4/2010	3/31/2011 amended 5/17/2011	10/20/2011	Issued 5/7/2012 Fed Reg 5/11/2012 Effective 7/10/2012	1 year following the 1st day of the 1st cal qtr after FERC approval	RM11-20-000; Order No. 763 retires PRC-007-0, PRC-009-0, EOP-003-1, and PRC-006-0 (never enforceable)
2007-01	PRC-006-1	Automatic Underfrequency Load Shedding	10/1/2013	PC, UFLS entities (DP, TO)	3/28/2007	10/28/2010	11/4/2010	3/31/2011 amended 5/17/2011	10/20/2011	Issued 5/7/2012 Fed Reg 5/11/2012 Effective 7/10/2012	1st day of 1st cal qtr 1 year after FERC approval (except for R4.1 - R4.6)	RM11-20-000; Order No. 763 retires PRC-007-0, PRC-009-0, EOP-003-1, and PRC-006-0 (never enforceable)
2010-13	PRC-023-2 R1 (For switch-on-to-fault schemes as described in Attachment A, Section 1.3)	Transmission Relay Loadability	10/1/2013	TO, GO, DP	8/12/2010	3/7/2011	3/10/2011	3/18/2011	9/15/2011	Issued 3/15/2012 Fed Reg 3/21/2012 Effective 5/7/2012	Later of: 1st day of 1st cal qtr after FERC approval of PRC-023-2 (7/1/2012) -OR- 1st day of 1st cal qtr 39 mo after FERC approval of PRC-023-1 (10/1/2013)	RM11-16-000; Order No. 759
2010-13	PRC-023-2 R6	Transmission Relay Loadability	1/1/2014	PC	8/12/2010	3/7/2011	3/10/2011	3/18/2011	9/15/2011	Issued 3/15/2012 Fed Reg 3/21/2012 Effective 5/7/2012	1st day of 1st cal qtr 18 mo after FERC approval	RM11-16-000; Order No. 759
2008-06	CIP-002-4 CIP-003-4 CIP-004-4a CIP-005-4a CIP-006-4c CIP-007-4 CIP-008-4 CIP-009-4	Cyber Security — Critical Cyber Asset Identification	4/1/2014	All	7/10/2008	12/30/2010	1/24/2011	2/10/2011	9/15/2011	Issued 4/19/2012 Fed Reg 4/25/2012 Effective 6/25/2012	Existing CAs: 1st day of 8th cal qtr after FERC approval; Newly IDed CAs: see implementation plan	RM11-11-000 Order 761
2006-01	PER-005-1 R3.1	System Personnel Training	4/1/2014	BA, RC, TOP	4/12/2006	12/22/2008	2/10/2009	9/30/2009	6/17/2010	Issued 11/18/2010 Fed Reg 11/26/2010 Effective 1/25/2011	1st day of 1st cal qtr 36 mo after FERC approval	RM09-25-000; Order 742
2007-07	FAC-003-2	Transmission Vegetation Management	7/1/2014	TO	4/2/2007	10/13/2011	11/3/2011	12/21/2011	10/18/2012	Issued 3/21/2013 Fed Reg 3/28/2013 Effective 5/27/2013	1st day of 1st cal qtr 1 yr after FERC approval	Order 777

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Project	Standard	Title	Enforcement Date	Applicable Entities	SAR	Industry Stakeholder Process	NERC BOT Approval	NERC Petition for Approval	FERC NOPR	FERC Order	Implementation Plan Summary	Comment
2010-13	PRC-023-2 R1 (For supervisory elements, see Attachment A, Section 1.6)	Transmission Relay Loadability	7/1/2014	TO, GO, DP	8/12/2010	3/7/2011	3/10/2011	3/18/2011	9/15/2011	Issued 3/15/2012 Fed Reg 3/21/2012 Effective 5/7/2012	1st day of 1st cal qtr 24 mo after FERC approval	RM11-16-000; Order No. 759
2010-13	PRC-023-2 R1, R2, R3 (For circuits identified by the PC pursuant to R6)	Transmission Relay Loadability	Effective 4/1/17 -OR- 1/1/17	TO, GO, DP	8/12/2010	3/7/2011	3/10/2011	3/18/2011	9/15/2011	Issued 3/15/2012 Fed Reg 3/21/2012 Effective 5/7/2012	Later of: 1st day of 1st cal qtr 39 mo after notification by PC of a circuit's inclusion -OR- 1st day of 1st cal year in which any criterion in Attachment B applies, unless the PC removes the circuit from the list before the applicable effective date	RM11-16-000; Order No. 759



# NERC Standards Watch List - ARCHIVE

Updated: 4/3/13

LEGEND:	Phase Complete
	New Info

ARCHIVE INFORMATION - This tab contains standards that were removed from the other tabs for any reason (e.g., currently enforced, removed from process)

Project	Standard	Title	Enforcement Date	Applicable Entities	SAR	Industry Stakeholder Process	NERC BOT Approval	NERC Petition for Approval	FERC NOPR	FERC Order	Implementation Plan Summary	Comment
2010-10	FAC-013-2	Assessment of Transfer Capability for the Near-Term Transmission Planning Horizon	4/1/2013	PC	4/29/2010	1/23/2011	1/24/2011	1/28/2011	n/a	Issued 11/17/2011 Fed Reg 11/22/2011 Effective 1/23/2012	LATER OF 1st day of 1st cal qtr 12 mo after FERC approval -OR- 1st day of 1st cal qtr 6 mo after MOD-001-1, MOD- 028-1, MOD-029-1, MOD- 030-2 become effective	retires FAC-012-1 and FAC-013-1
2006-01	PER-005-1 R1, R2 & subs	System Personnel Training	4/1/2013	BA, RC, TOP	4/12/2006	12/22/2008	2/10/2009	9/30/2009	6/17/2010	Issued 11/18/2010 Fed Reg 11/26/2010 Effective 1/25/2011	1st day of 1st cal qtr 24 mo after FERC approval	RM09-25-000; Order 742
2007-17	Definition Revision	Protection System	4/1/2013	n/a	2010 directive from Standards Committee	11/11/2010	11/19/2010	3/30/2011	n/a	2/3/2012	1st day of 1st cal qtr 12 mo after FERC approval	RD11-13-000
2006-06	IRO-001-2	Reliability Coordination — Responsibilities and Authorities		BA, GOP, LSE, PSE, TOP, TSP, RC, RRO	5/1/2007	7/25/2014	8/4/2014	n/a	n/a	n/a	n/a	Removes IRO-001-1.1 R7 (coordinates with IRO-014- 2); subsequently replaced with IRO-001-3; believe it goes to inactive list; never enforceable